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THE  
ADVANCED REGISTER

OF THE

HOLSTEIN-FRIESIAN ASSOCIATION  
OF AMERICA.

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VOLUME XVI.

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CONTAINING  
ALL ENTRIES RECEIVED AND APPROVED  
From May 15, 1904, to May 15, 1905.

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MALCOLM H. GARDNER, Editor  
AND  
Superintendent of Advanced Registry.

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PUBLISHED BY  
THE HOLSTEIN-FRIESIAN ASSOCIATION  
OF AMERICA.  
1905.



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## PREFACE.

The system of Advanced Registry for pure bred dairy cattle is now firmly established in America for the four leading dairy breeds, and it will be the effort of the future to increase its efficiency. That the system is yet crude and in formative condition, its best friends willingly acknowledge; but the good it is already doing is so great, and the promise of its value for the future so vast, that even its best friends are scarcely able to grasp in mind the grand possibilities of the perfected system.

In the evolution of our special system, it seemed best to more thoroughly demonstrate officially the staying qualities of our cattle, and the records beginning not less than eight months after calving were authorized. The first of these records made under this plan appear in alphabetical order in this volume, and amply prove the claim of our breeders that in this respect the Holstein-Friesian cow is excelled by none.

This volume marks the close of the valued services of our honored Superintendent, Mr. Solomon Hoxie, who, on account of ill-health, voluntarily retires from his arduous duties. Not only was he the main factor in the formation of the system, but during a period of twenty years, in which he has most acceptably filled the office of Superintendent, he has devoted his best efforts to the evolution of the same. Through good report and through evil report he has stood by this child of his creation; and it is to the credit, as well as the great advantage of the Holstein-Friesian Association, that he was continued in office till his system had become, in good part, firmly established.

In his conduct of the office, he never lost an opportunity to encourage the beginner in breeding nor to speak a good word for the breed. In his rulings he was absolutely impartial; believing that the success of the system depended strictly upon the courage and honor of the Superintendent, without regard to popularity. Honorable in character, upright in mind, uncompromisingly against anything he deemed wrong or against the best interests of the Association, he has set an example of probity which succeeding Superintendents may well strive to equal, since to surpass it would be impossible.

Delevan, Wis., September 20, 1905.

MALCOLM H. GARDNER.



# ADVANCED REGISTER.

## VOLUME XVI.

### INTRODUCTION.

#### RULES.

*Revised by Order of Board of Officers March 21, 1894. Amended March 18, 1896. Amended June 5, 1900. Revised June 4, 1901. Amended June 3, 1903.*

#### PREAMBLE.

In accordance with the requirements of the Charter and By-Laws of this Association, the Board of Officers do adopt the following rules for the establishment of a system of registry, to be known as the Advanced Registry of the Holstein-Friesian Association of America.

#### RULE I.

##### DUTIES OF THE SUPERINTENDENT.

The Superintendent of Advanced Registry shall have charge of this registry. Under the general supervision and direction of the Board of Officers, he shall prepare and publish blank forms and circulars, needed in carrying this system into effect; receive and attend to all applications for this registry; make or cause to be made all examinations of cattle for it; have general oversight and direction of all official tests of milk or butter production for it; issue all certificates of registry for it over his signature and the seal of the Association; edit all publications of this registry, and perform such other duties as may be required of him by the Board of Officers, to secure the efficiency and success of this system. He shall keep an accurate account in detail of all moneys received or paid out by him in the performance of these duties. He shall make a full report of his work to the Board of Officers whenever they shall require it, at least once in each year—at date of annual meeting.

#### RULE II.

##### APPOINTMENTS AND DUTIES OF INSPECTORS.

The Board of Officers shall appoint one or more persons to be known as Inspectors of Advanced Registry, whose duties shall be to examine cattle for this registry and to take charge of tests for it whenever in the faithful discharge of his other duties, the superintendent is unable to perform this work, in any particular case or cases.

The Superintendent, with the assistance of the Inspectors, shall prepare a schedule of structural and physiological requirements for animals to be admitted to this registry. The schedule shall be submitted to the Board of Officers, who shall have power to alter or amend it. Then it shall become the standard, below which no animal shall be received. When any volume of this registry is published, this standard of requirements shall be given in the introduction to it.

No one shall examine cattle for this registry over which he has charge, or in which he has a pecuniary interest.



The Superintendent may appoint Special Inspectors in special cases to examine cattle or to take charge of tests.

*Amendment adopted June 4, 1901.*

State Agricultural Experiment Stations and Agricultural Colleges may authorize properly qualified persons to inspect, measure and describe cows that are officially tested by their authority, and bulls for which applications for entry are made. (*The Superintendent of this registry may reject any description.*) The expenses of making such descriptions shall be paid by the owners of the animals directly to the institutions.

### RULE III.

#### CLASSIFICATION OF CATTLE.

For purposes of convenience in describing cattle offered for this registry, they shall be classified as follows, viz.:

All animals from two to three years of age, in a class to be known as the Two-year form.

All animals from three to four years of age, in a class to be known as the Three-year form.

All animals from four to five years of age, in a class to be known as the Four-year form.

All animals above five years of age, in a class to be known as the Full Age form.

### RULE IV.

#### ELIGIBILITY OF BULLS.

A bull to be eligible to Advanced Registry must pass an examination by the Superintendent, or by an Inspector, and be reported by him as worthy of such registry. In such report the following particulars shall be given, viz.: Name of animal; number in Herd Book; age at time of examination; general form; description of head, neck, chine, loin and hips, rump, escutcheon, mammary veins, teats; handling, the secretions of the skin, the general vigor, the general symmetry and the general style of bearing. Such reports shall also give accurate measurements of height of shoulders, height of hips, length of body, length from hook bone to point of rump, width of hips at the hook bones, width at the thurl bones, and girth of chest at its smallest circumference, also the condition, age and weight of the animal at the time of measurement and the date when the weight and measurements were taken. Such report shall be made uniformly in accordance with the directions, and in the use of such terms in their technical meanings, as the Superintendent may prescribe.

#### BREEDING.

He must be either the offspring of an Advanced Registry cow, the full brother of two, or the half brother of four such cows.

#### PROGENY.

He must have proven his superiority by his progeny, of which the examiner must see and examine at least three animals, which shall be found by him to be vigorous and symmetrical.

#### SCALING AND WEIGHT.

No bull shall be received to this registry, unless he also scales, or in the judgment of the Inspector, is capable of scaling at least eighty points of the



Scale points of this Association, and is also capable of reaching, at full age in good flesh, eighteen hundred pounds in live weight.

ENTRY REQUIRED ON RECORDS OF DAUGHTERS.

[WITHOUT INSPECTION OR OTHER OF THE ABOVE REQUIREMENTS.]

But the Superintendent of Advanced Registry shall, without formal application or examinaion, enter in the Advanced Registry all bulls (or any bulls), which have four or more daughters which have made *officially* authenticated butter records not less than those required for entry in Advanced Registry for like ages.

The Superintendent shall make a re-entry of any such bull whenever he has additional four or more daughters complying with the above requirements.

RULE V.

ELIGIBILITY OF COWS—WITH DESCRIPTION.

A cow to be eligible to this registry, if the entry includes description, must be examined by the Superintendent or by an Inspector and be reported by him as worthy of such entry. In such report all particulars enumerated in Rule fourth shall be given and in addition thereto, description of udder and quarters of udder, and if in calf at time of weighing, the date of service by bull. In the judgment of the examiner she must scale, or be capable of scaling, seventy-five points of the Scale of Points of this Association, and of reaching at full age in milking condition and ordinary flesh, 1,000 lbs. live weight. She must also make one or more milk or butter records, as hereinafter provided.

WITHOUT DESCRIPTION.

A cow may be eligible without examination and description (if her owner thus chooses to enter her), if she meets the other requirements for entry herein-after provided.

RULE VI.

MILK AND BUTTER RECORDS—REQUIREMENTS IN TWO-YEAR FORM.

If calving on the day she is two years of age, a record of not less than 7.2 lbs. of butter fat or nine lbs. of butter in seven consecutive days, or not less than 6,500 lbs. of milk in ten consecutive months, or not less than 354 lbs. of milk in ten consecutive days, previous to eight months from and after date of calving, in which last case she shall have made another record of 118 lbs. in ten consecutive days after such period of eight months. And for every day a cow exceeds two years of age at date of calving in the "*Two-year form*" the requirement of the ten months' record shall be increased 3.83-100 lbs.; the requirement of the earlier ten days' record 21-100 of a lb.; the requirement of the later ten days' record 7-100 of a lb.; the requirement of the butter fat record .00439 of a lb.; and the requirement of the butter record .00548 of a lb.

REQUIREMENTS IN THREE-YEAR FORM.

If calving on the day she is three years of age, a record of not less than 8.8 lbs. butter fat or eleven pounds of butter in seven consecutive days, or not less than 7,900 lbs. of milk in ten consecutive months, or not less than 432 lbs. of milk in ten consecutive days previous to eight months from and after date of calving, in which last case she shall have made another record of 144 lbs. in ten consecutive days after such a period of eight months. And for every day she exceeds three years of age at date of calving in the "*Three-year form*," the same increase per day as in the Two-year form.

## REQUIREMENTS IN FOUR-YEAR FORM.

If calving on the day she is four years of age, a record of not less than 10.4 lbs. butter fat or thirteen lbs. of butter in seven consecutive days, or not less than 9,300 lbs. of milk in ten consecutive months, or not less than 511 lbs. of milk in ten consecutive days, previous to eight months from and after date of calving, in which last case she shall have made another record of not less than 170 lbs. in ten consecutive days after such period of eight months. And for every day she exceeds four years of age at date of calving in the "*Four-year form*," the same increase per day as in the previous forms.

## REQUIREMENTS IN FULL AGE FORM.

If calving on the day she is five years of age, a record of not less than 12 lbs. butter fat or 15 lbs. of butter in seven consecutive days, or not less than 10,700 lbs. of milk in ten consecutive months, or not less than 589 lbs. of milk in ten consecutive days, previous to eight months from and after date of calving, in which last case she shall have made another record of not less than 197 lbs. in ten consecutive days after such period of eight months. No increase of production shall be required for increased age at date of calving in "*Full age form*."

## HOW MADE.

In making each and every such record, the cow shall be milked dry at its commencement, and the close shall not extend beyond the number of days reported, reckoned at twenty-four hours each.

## PERIOD OF MAKING.

All records shall be made within one year from date of calving (excepting in cases of a full year's record necessarily extending a year from its date of commencement) and in no case include milk or butter produced from a second calving. A month's record shall not extend beyond thirty days, unless it is specifically reported that it includes thirty-one days.

## QUALITY OF BUTTER AND SALTING.

In each and every butter record reported the butter shall be of good marketable quality, salted at not higher than one ounce of salt to one pound of butter, and worked free from any excess of water or buttermilk.

## RECORDS OF BUTTER FAT.

A cow may be eligible to this registry on a record of pure butter fat, determined by a test of every milking during the period of the record, or by a composite test of all the milkings of such period. The sample of each milking taken for testing, shall be from the whole amount of such milking taken immediately after it is thoroughly stirred and mixed by rapid pouring from one vessel to another at least three times. In a composite test, the amount of the sample to be put in the common vessel at each milking shall be graduated to the weight of that milking, so that the same proportionate quantity of each milking shall be taken. The samples shall be kept in a closed vessel to prevent evaporation. In such a test the whole amount of milk given during the period of the test shall be reported and the per cent of fat shown. But in case each milking is tested separately, the amount of each milking shall be reported and the per cent of butter fat shown by a test of each. The Superintendent shall determine records of pure butter fat from such reports. The tests for such records shall be made by the Babcock or by other equally accurate apparatus or method approved by the Association of Official Agricultural Chemists. The requirements for entry on



records of pure butter fat shall be eighty per cent of the requirements for entry on records of marketable butter, this being the standard adopted in making estimates at the World's Columbian Exposition.

*Amendment adopted June 3, 1903.*

In estimating the amount of butter in such records of pure butter fat, eighty-five and seven-tenths of a pound of pure butter fat shall be used as the equivalent of a pound of butter.

AUTHENTICATION.

Every record shall be sworn to by each and every person assisting in making it, including in every case the owner of the animal. Such affidavits shall set forth that the record or records were made in accordance with these rules, and that they are true in each and every particular, to the best knowledge and belief of the subscribers thereto. In case of entry with description, the examiner shall certify that in his judgment the animal is capable of making such record or records.

OFFICIAL INVESTIGATION REQUIRED OF CERTAIN BUTTER RECORDS.

All unofficial records of pure butter fat of 18 lbs., and all such records exceeding 18 lbs. and all marketable butter records of 22½ lbs., and all such records exceeding 22½ lbs. of full age cows, and all equivalent records of cows under full age made in periods of seven consecutive days must be officially investigated in the following manner: On the completion of any such record or at any time during its progress, the owner of the cow making it shall report to the Superintendent of this registry the name, Herd Book number, age of the cow and the record made (to time of such report). The Superintendent shall forthwith proceed to investigate such record, or to appoint some reliable person to do so, by seeing the cow milked and weighing the milk produced for twenty-four consecutive hours, and by testing the same for butter fat under restrictions that shall preclude all mistakes either in the quantity or quality of the milk. The person thus investigating the record shall make a full report of his investigation, the important parts of which shall be published, with the entry of the cow on such record, and the owner of the cow shall pay all expenses of such investigation. [Exceptions to this rule are made in cases of records under the special rules for Officially Authenticated butter records for prizes.]

REPORTING RECORDS.

In reporting each and every record, the date of calving shall be given, the age of cow at such date, the date of commencement of record, the date of close of record, and the number of pounds of milk or butter produced, and in records of butter production (at option of the owner), the average number of pounds of milk required to produce one pound of butter during the whole period covered by the record.

REPORTING CARE AND FOOD.

At the option of the owner, the care and food of the cow preceding and during the making of any record or records of her may be reported. The Superintendent shall publish the substance of such report, reduced to the shortest possible space, as a part of the entry.

RULE VII.

ENTRIES DELAYED OR REFUSED.

If, in the judgment of the Superintendent, the registry of any animal ought to be delayed for further growth and development, or for further records, or

ought to be refused for any reason whatever, he shall inform the applicant of such decision within ten days after receiving the completed application. The applicant may then appeal from such decision to the Board of Officers. The Board may act upon such appeal at any time. They may call in the assistance of other cattle experts, or decide the case without any assistance, but if the appeal is delayed beyond ninety days from the date of the next annual meeting thereafter, it shall fail and the decision of the Superintendent shall be sustained.

## RULE VIII.

### EXAMINATION AND RE-EXAMINATION.

An animal may be examined in each and every form, but no more than one examination of the same animal shall be made in one and the same form unless rejected. Any person may have a rejected animal re-examined at any time, providing he pays to the Inspector the full expense of such examination, including for time and service.

### RE-ENTRY.

Records of milk and butter production of any cow may be recorded for each and every form, if the rules of the Association have been complied with in making such records. Re-entry of cows may be made in different volumes of this registry, when other records have been made in forms not previously reported.

### ADDITIONAL RECORDS—RECORDS OF DEAD COWS.

Records of dead cows or additional records of cows already in this registry may also be entered when made and authenticated in accordance with these rules and approved by the Superintendent.

## RULE IX.

### ANCESTORS AND THEIR RECORDS TO FORM PART OF THE ENTRY.

The names of ancestors that have been received to Advanced Registry, with their more important milk and butter records and their position in the pedigree, shall constitute a part of the entry.

*Amendment adopted June 5, 1900.*

The pedigrees shall be entered in bracketed form but shall not extend beyond the third generation.

## RULE X.

### ISSUE OF CERTIFICATE.

Every application for this registry shall be carefully examined by the Superintendent. He shall ascertain that all the requirements of these rules, that may be applicable, have been complied with, that the name, number, age, pedigree and offspring given are in accordance with the records in the Herd Book of this Association, or in the Herd Book of the former Holstein or of the former Dutch-Friesian Association. If the requirements have been met, and such statements are correct, he shall then enter the animal in a manuscript volume of this registry, and issue a certificate to the applicant in form and language substantially as in the entry.

*Amendment adopted June 4, 1901.*

All cows entered on officially authenticated records made under the supervision of Agricultural Colleges or Experiment Stations in accordance with the special rules provided by this Association, shall be designated by the letters A. R. O., and all entered on private records properly made and authenticated in accord-



ance with these rules shall be designated by the letters A. R. P. In cases where the entry contains both official and unofficial records the latter shall be designated by the word "private" enclosed in parenthesis.

The application, and all other evidence upon which the Superintendent makes an entry, shall be kept on file by him, subject to examination by any member of this Association. In making entries he may correct clerical mistakes and change any diffuse or incorrect language of the application, to more concise and uniform expressions, having the same meaning.

## RULE XI.

### EXPUNGING INCORRECT ENTRIES.

Any incorrect entry may be expunged from the manuscript volume of this registry, and the certificate of such entry revoked by the Board of Officers, upon evidence of incorrectness. The Board may also expunge any such entry that has been published, and revoke the certificate of such entry, but in such a case they shall cause to be published in the next following volume of this registry, the revocation of such certificate.

## RULE XII.

### PAY OF OFFICERS FOR TIME AND EXPENSES.—OF SUPERINTENDENT.

For making and keeping this Advanced Registry, editing and publishing it, and for the performance of such other duties required of him by these rules, the Superintendent shall be paid a just and reasonable compensation, to be fixed by the Board of Officers, on or before the close of each year of such service.

### FOR INSPECTORS' TIME.

For time necessarily spent in making examinations Inspectors are entitled to compensation from the owners of cattle inspected; the amount of such compensation shall be a matter of agreement between the parties.

### TRAVELING EXPENSES.

Traveling expenses incurred in making examinations shall be paid by the applicants for whom cattle are examined. If cattle of different applicants are examined at the same time, or during the same trip, the officer making such examination shall divide such traveling expenses among such applicants *pro rata*, according to the number of cattle examined for each.

### FOR OVERSEEING OR MAKING OFFICIAL RECORDS.

All expenses, including time and traveling expenses, for investigating large records or for overseeing or making official records, shall be paid by the owners of the cows requiring such investigation or applying for such oversight or work in making official records.

NOTE.—Nearly all State Agricultural Colleges and Experiment Stations have consented to supervise the making of official records. All require the payment of necessary traveling expenses and the furnishing of board by owners of cows tested. Some prefer to receive no further compensation, but, in such cases, they limit their work to their own convenience, and to general public utility. Others make provisions to supervise the tests of all who apply for such work, and they require a reasonable compensation for the services rendered. All owners desirous of such supervision should correspond with their Stations, and agree upon terms. Breeders make a great mistake who fail to keep in touch with their Agricultural Colleges and Experiment Stations.—*Supt.*

## RULE XIII.

## NO FEE REQUIRED FOR ENTRIES.

In view of public benefits accruing from investigations under this system of registry, and of the personal benefits to owners and breeders of Holstein-Friesian cattle from demonstrations of their superiority by properly authenticated milk and butter records, made, gathered and preserved through this system, no fees shall be charged for any form of entry in its Register.

## RULE XIV.

## ARRANGEMENT AND PUBLICATION OF ENTRIES.

In every volume of this registry, the rules and standard of requirements under which entries are made to it shall be given in the Introduction. The entries shall be arranged in two divisions, viz.: Bulls and cows; and each animal shall appear with the original name and number under which it is recorded in the Herd Book of this Association, or in the Herd Book of the former Holstein, or of the former Dutch-Friesian Association.

If published in volumes separate from the volumes of the General Herd Book of the Association, such volumes shall be sold at prices fixed by the Board of Officers, or by the Superintendent in case the Board fails to fix such prices. Each member of the Association shall be entitled to one copy of each volume published after his admission to membership, which shall be forwarded to his address as soon as convenient after its publication, free of charge.

## RULE XV.

## ALTERATIONS OR AMENDMENTS.

These rules may be altered or amended by an affirmative vote of a majority of the members of the Board of Officers.

## STRUCTURAL REQUIREMENTS.

## FOR BULLS RECEIVED ON INSPECTION.

A bull that in the judgment of the Examiner will not reach at full age, and in good flesh, 1,800 pounds, live weight, shall be disqualified for entry in the Advanced Register.

No bull shall be received to the Advanced Register that, with all credits due him (see Scale of Points), will not scale in the judgment of the Examiner at least 80 points.

In scaling for the Advanced Register, defects caused solely by age, or by accidents, or by diseases not hereditary, shall not be considered.

## FOR COWS.

[The following apply only to cows entered with description. Those that are entered without description are neither scaled nor weighed.]

A cow that in the judgment of the Examiner will not reach at full age, in milking condition and ordinary flesh, 1,000 pounds, live weight, shall be disqualified for entry in the Advanced Register.

No cow shall be received to the Advanced Register that, with all credits due her (see Scale of Points), will not scale in the judgment of the Examiner at least 75 points.

In scaling for the Advanced Register, defects caused solely by age, or by accidents, or by diseases not hereditary, shall not be considered.

[NOTE.—Scale of Points are published in pamphlet form and furnished free by the Superintendent or by the Secretary of the Association.]



# SCALE OF POINTS.

Revised and Adopted June 1, 1904.

## FOR BULLS.

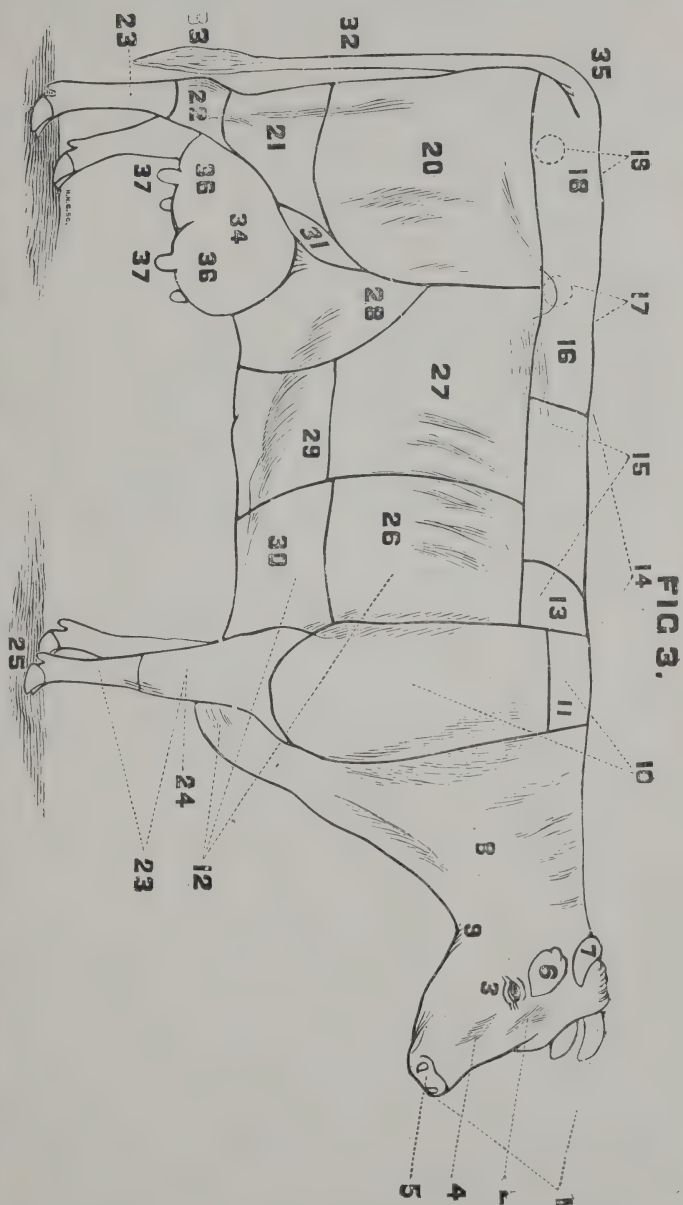
	POINTS.
Head—Showing full vigor; elegant in contour.....	2
Forehead—Broad between the eyes; dishing.....	2
Face—Of medium length; clean and trim, especially under the eyes; the bridge of the nose straight.....	2
Muzzle—Broad with strong lips.....	1
Ears—Of medium size; of fine texture; the hair plentiful and soft; the secretions oily and abundant.....	1
Eyes—Large; full; milk; bright.....	2
Horns—Short; of medium size at base; gradually diminishing towards tips; oval; inclining forward; moderately curved inward; of fine texture; in appearance waxy.....	1
Neck—Long; finely crested (if the animal is mature); fine and clean at juncture with the head; nearly free from dewlap; strongly and smoothly joined to shoulders.....	5
Shoulders—Of medium height, of medium thickness, and smoothly rounded at tops; broad and full at sides; smooth over front.....	4
Chest—Deep and low; well filled and smooth in the brisket; broad between the forearms; full in the foreflanks (or through at the heart).....	7
Crops—Comparatively full; nearly level with the shoulders.....	4
Chine—Strong; straight, broadly developed, with open vertebræ.....	6
Barrel—Long; well rounded; with large abdomen; strongly and trimly held up.....	7
Loin and Hips—Broad; level or nearly level between hook bones; level and strong laterally; spreading from the chine broadly and nearly level; the hook bones fairly prominent.....	7
Rump—Long; broad; high; nearly level laterally; comparatively full above the thurl; carried out straight to dropping of tail.....	7
Thurl—High; broad.....	4
Quarters—Deep; broad; straight behind; wide and full at sides; open in the twist.....	5
Flanks—Deep; full.....	2
Legs—Comparatively short; clean and nearly straight; wide apart; firmly and squarely set under the body; arms wide, strong and tapering; feet of medium size, round, solid and deep.....	5
Tail—Large at base, the setting well back; tapering finely to switch; the end of bone reaching to hocks or below; the switch full.....	2
Hair and Handling—Hair healthful in appearance; fine, soft and furry; skin of medium thickness and loose; mellow under the hand; the secretions oily, abundant and of a rich brown or yellow color.....	10
Mammary Veins—Large; full; entering large orifices; double extension; with special development, such as forks, branches, connections, etc.....	10
Rudimentary Teats—Large; well placed.....	2
Escutcheon—Largest; finest.....	2
Perfection .....	100

- General Vigor—For deficiency Inspectors may discredit from the total received, not to exceed eight points.
- General Symmetry and Fineness—For deficiency Inspectors may discredit from the total received, not to exceed eight points.
- General Style and Bearing—For deficiency Inspectors may discredit from the total received, not to exceed eight points.
- Credits for Offspring—A bull shall be credited one point in excess of what he is otherwise entitled to, for each and every animal of which he is sire, actually entered in the Advanced Register, not to exceed ten in number.

### FOR COWS.

	POINTS.
Head—Decidedly feminine in appearance; fine in contour.....	2
Forehead—Broad between the eyes; dishing.....	2
Face—Of medium length; clean and trim, especially under the eyes, showing facial veins; the bridge of the nose straight.....	2
Muzzle—Broad with strong lips.....	1
Ears—Of medium size; of fine texture; the hair plentiful and soft; the secretions oily and abundant.....	1
Eyes—Large; full; mild; bright.....	2
Horns—Small; tapering finely towards the tips; set moderately narrow at base; oval; inclining forward; well bent inward; of fine texture; in appearance waxy.....	1
Neck—Long; fine and clean at juncture with the head; free from dewlap; evenly and smoothly joined to shoulders.....	4
Shoulders—Slightly lower than hips; fine and even over tops; moderately broad and full at sides.....	3
Chest—Of moderate depth and lowness; smooth and moderately full in the brisket, full in the foreflanks (or through at the heart).....	6
Crops—Moderately full.....	2
Chine—Straight; strong; broadly developed, with open vertebræ.....	6
Barrel—Long; of wedge shape; well rounded; with a large abdomen, trimly held up, (in judging the last item age must be considered).....	7
Loin and Hips—Broad; level or nearly level between the hook bones; level and strong laterally; spreading from chine broadly and nearly level; hook bones fairly prominent.....	6
Rump—Long; high; broad with roomy pelvis; nearly level laterally; comparatively full above the thurl; carried out straight to dropping of tail...	6
Thurl—High; broad.....	3
Quarters—Deep; straight behind; twist filled with development of udder; wide and moderately full at the sides.....	4
Flanks—Deep; comparatively full.....	2
Legs—Comparatively short; clean and nearly straight; wide apart; firmly and squarely set under the body; feet of medium size, round, solid and deep...	4
Tail—Large at base, the setting well back; tapering finely to switch; the end of the bone reaching to hocks or below; the switch full.....	2
Hair and Handling—Hair healthful in appearance; fine, soft and furry; the skin of medium thickness and loose; mellow under the hand; the secretions oily, abundant and of a rich brown or yellow color.....	8





- 1.—Head 2.—Forehead 3.—Eye 4.—Face 5.—Muzzle 6.—Ear 7.—Horn 8.—Neck 9.—Throat 10.—Shoulder.  
 11.—Shoulder tops 12.—Chest 13.—Crops 14.—Chine 15.—Back 16.—Loin 17.—Hip or Hook 18.—Rump.  
 19.—Thurl 20.—Quarter 21.—Thigh 22.—Hock 23.—Leg 24.—Fore-arm 25.—Hoof 26.—Fore-ribs 27.—Back-ribs 28.—Flank 29.—Belly 30.—Fore-flank 31.—Stifle 32.—Tail 33.—Switch 34.—Udder 35.—Setting of Tail.  
 36.—Quarters of Udder 37.—Teats.

## POINTS.

Mammary Veins—Very large; very crooked (age must be taken into consideration in judging of size and crookedness); entering very large or numerous orifices; double extension; with special developments such as branches, connections, etc.....	10
Udder and Teats—Very capacious; very flexible; quarters even; nearly filling the space in the rear below the twist, extending well forward in front; broad and well held up.....	12
Teats—Well formed; wide apart, plumb and of convenient size.....	2
Escutcheon—Largest; finest.....	2
Perfection .....	100

General Vigor—For deficiency Inspectors may discredit from the total received, not to exceed eight points.

General Symmetry and Fineness—For deficiency Inspectors may discredit from the total received, not to exceed eight points.

General Style and Bearing—For deficiency Inspectors may discredit from the total received, not to exceed eight points.

Credits for Excess of Requirement in Production—A cow shall be credited one point in excess of what she is otherwise entitled to, for each and every eight per cent that her milk or butter record exceeds the minimum requirement of her class or age.



## RULES FOR MAKING OFFICIAL RECORDS.

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1. Such a record shall be for seven consecutive days and made under the supervision of an officer or assistant of an Agricultural Experiment Station, or of an Agricultural College (but no record of a cow owned by such an institution shall be made under the supervision of its own officer), or by some person whose integrity and ability is vouched for by the Director, or by the Professor of Dairy Husbandry of such an institution, and shall be entered in Advanced Registry.

2. At least six days shall elapse, after a cow drops her calf, before an official record of her shall commence.

3. Before the test is started the cow should be registered in the Herd Book of the Holstein-Friesian Association of America, or proper application for such registry should be made. If registered the Supervisor of the test shall satisfy himself that the cow answers the description given in the certificate of registry. If application for registry has been made and the certificate not yet received the Supervisor shall take a description of the animal and retain the same for comparison with the certificate when received.

4. The supervisor of a test shall see the cow milked dry at its commencement and shall be present thereafter at each milking until the record is completed; he shall determine the weight of each milking and its average per cent of fat separately, and make a detailed report of the same over his signature and affidavit, which shall be sent to the Superintendent of Advanced Registry *within thirty days* after the completion of the record.

5. When such a record is completed, *within four days* thereafter, the owner shall report in writing to the Superintendent of Advanced Registry the name and Herd Book number of the cow, the date of dropping her last calf and the amount of milk and butter fat of the record. Upon receipt of this statement, if the Superintendent of Advanced Registry decides that it is important to have a new test of the animal made, he is authorized to send a tester or go himself and have her re-tested, notifying the owner that the cow is to be re-tested. If he is not satisfied of the accuracy of the first record, he has the right to reject it entirely after a re-test, and the expenses shall be borne by the owner of the cow. But if he is satisfied of its correctness the expenses shall be borne by the Association.

6. During the test-week no condiments, condition powders or drugs of any kind shall be given, and only pure water for drink. Dry foods may be mixed or softened with water, but with no other liquid. (Salt, sulphur and ashes may be fed.)

7. No herd shall be awarded, within a given official year more than three of the classified prizes; these shall be to those that will aggregate the largest sum to the owner—prizes in classes for older cows taking precedence.

8. The records may be made public at any time, by the owner of the cows, or by the Superintendent of Advanced Registry, or by the Secretary of the Association.

9. All matters, not covered by these rules, as to making and reporting officially authenticated butter records shall be directed by the Superintendent of Advanced Registry, and his decision shall be final.

## ANSWERS TO FREQUENT QUERIES.

Are the Rules for Awarding Prizes a part of the Rules for the Advanced Registry?

No. But no record can be awarded a prize unless entered in Advanced Registry. Blank applications for such entries will be furnished by the Superintendent.

Can a cow be entered in Advanced Registry without inspection and description?

Yes. See last paragraph of Rule V. But the value of correct descriptions, *especially of noted cows*, to future breeders, cannot be easily over-estimated.

Can an entry of a record of a cow be made after her death?

Yes. See last paragraph of Rule VIII.

Can I not have a well qualified man who resides in my immediate vicinity supervise an official test of my cows?

Yes. If the Director of your Experiment Station or the Professor of Dairy Husbandry of some Agricultural College will vouch, from personal acquaintance with him, for his honesty and ability. See Rule I for making officially authenticated records.

What are the expenses for supervision of a test, and who pays them?

They are paid by the owner of the cow; they include traveling expenses, board and such pay per diem as the Experiment Station or Agricultural College may require. The Superintendent of Advanced Registry has nothing to do in fixing the pay per diem. Correspond with your Station or your nearest Agricultural College.

When can I have a man to supervise a test?

Correspond with your Agricultural Experiment Station or your nearest Agricultural College. Do so as soon as you decide to have a test made. Do not delay. No doubt you can have a man at the date you want him if you will write in season for him.

"To whom shall payment be made for services and expenses of the supervisor of a test?" *To the station in every case.*

"May a supervisor continue to test longer than is required to make a record of seven consecutive days?"

*Yes! He can continue as long as the station consents to his doing so, but he must always be the employe and representative of the station and paid by the station.*

What are the minimum requirements of butter fat production to admit to entry?

They are as follows:

If the cow calves at two years old or under, 7.2 lbs. fat in seven consecutive days.  
If the cow calves at three years old, 8.8 lbs. fat in seven consecutive days.  
If the cow calves at four years old, 10.4 lbs. fat in seven consecutive days.  
If the cow calves at five years old, 12.0 lbs. fat in seven consecutive days.  
If the cow calves between two and three years, or between three and four years, or between four and five years old, every day of increased age adds to the requirements of the years .00439 lbs.



# VOLUME XVI

## COWS.

In the Bracketed pedigrees, throughout this volume, Official Records of butter fat production are given in pounds and decimals of a pound. Where the number of days covered by the records do not appear it should be invariably understood that they are for seven consecutive days.

### NO. 3563. NINA RODMER 36372.

NINA RODMER 3563 A. R. O. In 10 y. 9 m. 29 d. 12.412 lbs. fat.	{	Prince Rodmer 14735.	{	Prince Serraris 1726.
				Noveka Pel 1645 D. F.
	{	Nina May 3633 H.	{	Sir John 834 H.
				Euphrasia A. 1141 H.

Owned by Dan Dimock, Burton, O. Bred by Luther Russel & Son, Burton, O  
Calved May 8, 1893.

Official Butter Record: Dropped calf March 7, 1904, at 10 y. 9 m. 29 d. of age; commenced record April 10, 1904; closed record April 17; 7 days' production 12.412 lbs. butter fat; milk 437 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

### NO. 3564. BROMIDE PEL 45132.

BROMIDE PEL 3564 A. R. O. In 12 y. 11 d., 12.244 lbs. fat.	{	Prince Rodmer 14735.	{	Prince Serraris 1726.
				Noveka Pel 1645 D. F.
	{	Burton Girl 5000.	{	Alexis 1158 H.
				Nina May 3633 H.

Owned by Dan Dimock, Burton, O. Bred by Luther Russell, Burton, O. Calved March 9, 1892.

Official Butter Record: Dropped calf March 20, 1904, at 12 y. 11 d. of age; commenced record April 10, 1904; closed record April 17; 7 days' production 12.244 lbs. butter fat; milk 377.4 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3565. BANOSTINE APPLICATION 2D 63234.**

BANOSTINE APPLICATION 2d 3565 A. R. O. In 4 y. 11 m. 4 d., 12.415 lbs. fat.	{	Apple Pie 21941.	{ Aaggie Beauty 2d's Statesman 131 A. R. Princess Partheneas, Colantha 21388.
		Banostine Application 36374.	{ Prince Rodmer 14735. Euphrasia A. 1141 H.

Owned by Dan Dimock, Burton, O. Bred by Estate of Luther Russell, Burton, O.  
Calved April 4, 1899.

Official Butter Record: Dropped calf March 8, 1904, at 4 y. 11 m. 4 d. of age;  
commenced record April 10, 1904; closed record April 17; 7 days' production  
12.415 lbs. butter fat; milk 455.7 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3566. BURTON HIGH-LAWN 2D 63235.**

BURTON HIGH-LAWN 2d 3566 A. R. O. In 4 y. 11 m. 12 d., 15.658 lbs. fat.	{	Apple Pie 21941.	{ Aaggie Beauty 2d's Statesman 131 A. R. Princess Partheneas Colantha 21388.
		Burton High-Lawn 36373.	{ Prince Rodmer 14735. Lady of Burton 1346.

Owned by Dan Dimock, Burton, O. Bred by Estate of Luther Russell, Burton, O.  
Calved April 11, 1899.

Official Butter Record: Dropped calf March 23, 1904, at 4 y. 11 m. 12 d. of  
age; commenced record April 10, 1904; closed record April 17; 7 days' production  
15.658 lbs. butter fat; milk 440.8 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3567. DE KOL 2D'S ALBAN'S ECHO 52232.**

DE KOL 2d's ALBAN'S ECHO 3567 A. R. O. In 4 y. 11 m. 8 d., 13.351 lbs. fat.	{	De Kol 2d's Alban 114 A. R.	{ Netherlands Alban 34 A. R. De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Jettine's Pietertje Echo 30840.	{ Cyclamen's Pietertje 17006. Jettine 8728 H.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by Karlen & Co., Monticello, Wis. Calved, May 15, 1899.



Official Butter Record: Dropped calf April 23, 1904, at 4 y. 11 m. 8 d. of age; commenced record May 1, 1904; closed record May 8; 7 days' production 13.351 lbs. butter fat; milk 445.6 lbs.

Attested by N. J. Feibush, California Agricultural Experiment Station.

# **NO. 3568. ARTIS CARISA LADY 2D 35046.**

ARTIS CARISA LADY 2d 3568 A. R. O. In 10 y. 7 m. 21 d., 12.881 lbs. fat.	{	Duke of Obispo 6810.	{	Billy Gibbony 3227 H.
				Dulytra 9412 H.
.	{	Artis Carisa Lady 16892.	{	Omaha 3231.
				Artis Carisa 1094 A. R. P. In 6 y. 11 m. 5 d., 21,934½ lbs. milk 1 y.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by E. W. Steele, Edna, Cal. Calved August 24, 1893.

Official Butter Record: Dropped calf April 15, 1904, at 10 y. 7 m. 21 d. of age; commenced record May 1, 1904; closed record May 8; 7 days' production 12.881 lbs. butter fat; milk 439.8 lbs.

Attested by N. J. Feibush, California Agricultural Experiment Station.

# **NO. 3569. ORA PINA 3D'S ORIZABA 44800.**

ORA PINA 3d's ORIZABA 3569 A. R. O. In 7 y. 2 m. 22 d., 69.297 lbs. fat 30 d.	{	Belle of Pacific's 2d Duke 21147.	{	Duke of Obispo 6810.
				Omaha's Belle of Pacific 16893.
.	{	Ora Pina 3d 34923.	{	Duke of Vina 17274.
				Ora Pina 9618.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by Estate of J. H. White, Lakeville, Cal. Calved January 11, 1897.

Official Butter Record: Dropped calf April 3, 1904, at 7 y. 2 m. 22 d. of age; commenced record April 13, 1904; closed record April 20; 7 days' production 16.794 lbs. butter fat; milk 548.3 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 3, 1904, at 7 y. 2 m. 22 d. of age; commenced record April 9, 1904; closed record May 8; 30 days' production 69.297 lbs. butter fat; milk 2,209.3 lbs.

Attested by N. J. Feibush, California Agricultural Experiment Station.

**NO 3570. PARTHENEIA KORNDYKE HENGERVELD 56907.**

<b>PARTHENEIA KORNDYKE HENGERVELD 3570 A. R. O. In 3 y. 3 m. 28 d., 9.852 lbs. fat.</b>	{         Korndyke Hengerveld Duke 26390.	Korndyke Queen's Sir De Kol 301 A. R.
		Sadie W. 2793.
	Babe Belle of Cayuga 40249.	{         Hinke 3d's Henry Partheneia 19790.
		Belle's Baby 37294.

Owned and bred by H. D. Thomas, Brookton, N. Y. Calved December 21, 1900.

Official Butter Record: Dropped calf April 19, 1904, at 3 y. 3 m. 28 d. of age; commenced record May 3, 12 m., 1904; closed record May 10, 4 a m.; 7 days' production 9.852 lbs. butter fat; milk 286.5 lbs.

Attested by E. K. Morse, Cornell University Agricultural Experiment Station.

**NO. 3571. STAFFORD MERCEDES AAGGIE TUEBIE 58608.**

<b>STAFFORD MERCEDES AAGGIE TUEBIE 3571 A. R. O. In 3 y. 1 m. 11 d., 11.216 lbs. fat.</b>	{         Joe Stafford 25091.	{         Partheneia's Sir Henry 2d 24091.
		Phroso 45975.
	Pietertje Mercedes Aaggie Tuebie 51112.	{         Pietertje Mercedes Jeltje 23098.
		Aaggie Tuebie 32049.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by Fred Trumpy, Clarno, Wis. Calved February 20, 1901.

Official Butter Record: Dropped calf March 31, 1904, at 3 y. 1 m. 11 d. of age; commenced record April 13, 1904; closed record April 20; 7 days' production 11.216 lbs. butter fat; milk 363.2 lbs.

Attested by N. J. Feibush, California Agricultural Experiment Station.

**PRUNE BLOSSOM 3434 A. R. O. 52011.**

<b>PRUNE BLOSSOM 3434 A. R. O. In 4 y. 9 m. 11 d., 60.076 lbs. fat 30 d.</b>	{         Ant Poel's Prince of Wales 352 A. R.	{         Coyote Prince 9503.
		Ant Poel 912 A. R. P. In 6 y. 2 m. 21 d., 14 lbs. but- ter by churn.
	Preciosa Fatina 51006.	{         Ant Poel's Prince of Wales 352 A. R.
		Fatina Moinie 7414.

Owned by R. M. Hotaling, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XV, page 360.]

Official Butter Record: Thirty consecutive days. Dropped calf March 14, 1904, at 4 y. 9 m. 11 d. of age; commenced record March 20, 1904; closed record April 18; 30 days' production 60.076 lbs. butter fat; milk 1,979.1 lbs.



Attested by F. M. Williams, California Agricultural Experiment Station.

Second Official Butter Record: Dropped calf March 2, 1905, at 5 y. 8 m. 29 d. of age; commenced record March 18, 1905; closed record March 25; 7 days' production 15,987 lbs. butter fat; milk 516.7 lbs.

Attested by D. H. Cole and Abe Newman, California Agricultural Experiment Station.

**NO. 3572. HELENA PETROVNA MODJESKA 52008.**

<b>HELENA PETROVNA MODJESKA 3572 A. R.</b> O. In 4 y. 11 m. 23 d., 60.291 lbs. fat 30 d.	{	Ant Poel's Prince of Wales	{	Coyote Prince 9503.
		352 A. R.		Ant Poel 912 A. R. P. In 6 y. 2 m. 21 d., 14 lbs. but- ter by churn.
		Nadjesda 14647.		Fillmore 6165. Jemima Mahomet 7409.

Owned and bred by R. M. Hotaling, San Francisco, Cal. Calved April 24, 1899.

Official Butter Record: Dropped calf April 17, 1904, at 4 y. 11 m. 23 d. of age; commenced record May 1, 1904; closed record May 7; 7 days' production 14,770 lbs. butter fat; milk 528 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 17, 1904, at 4 y. 11 m. 23 d. of age; commenced record April 23, 1904; closed record May 22; 30 days' production 60.291 lbs. butter fat; milk 2,095.6 lbs.

Attested by N. J. Feibush, California Agricultural Experiment Station.

**NO. 3573. SALLIE BOON 47253.**

<b>SALLIE BOON 3573 A. R.</b> O. In 6 y. 1 m. 1d., 12.081 lbs. fat.	{	Beautiful Boon's Paul De	{	Aaggie Wayne 4th's Paul De Kol 20928.
		Kol 311 A. R.		Beautiful Boon 27177.
		Rosa Milla 27379.		Son of Nixie L. 11762. Princess Ida Milla 17203.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by A. R. Flower, Watertown, N. Y. Calved January 23, 1898.

Official Butter Record: Dropped calf February 24, 1904, at 6 y. 1 m. 1 d. of age; commenced record March 1, 1904; closed record March 7; 7 days' production 12,081 lbs. butter fat; milk 386.9 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

**NO. 3574. PAMELIA BOON 47256.**

PAMELIA BOON 3574 A. R. O. In 6 y. 11d., 12.328 lbs. fat.	{	Beautiful Boon's Paul De Kol 311 A. R.	{	Aaggie Wayne 4th's Paul De Kol 20928.
		Princess Ida Milla 17203.		Beautiful Boon 27177.
			{	Milla's Pietertje Netherland 83 A. R.
			{	Zwaantji 4th 264 D. F.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by A. R. Flower, Watertown, N. Y. Calved February 10, 1898.

Official Butter Record: Dropped calf February 21, 1904, at 6 y. 11 d. of age; commenced record March 10, 8 p. m., 1904; closed record March 17, 12 m.; 7 days' production 12.328 lbs. butter fat; milk 462.9 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

**CLARA J. 2258 A. R. O. 54525.**

CLARA J. 2258 A. R. O. In 4 y. 11 m. 8 d., 59.519 lbs. fat 30 d.	{	Guy Rhoda Astrea 21574.	{	Guy Mercedes 10678.
		Lafreaka J. 36455.		Carrie Astrea 520.
			{	King Clothilde 10265.
			{	Friquet J. 4276.

Owned by Henry Stevens & Son, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 179; Vol. XIV, page 207.]

Third Official Butter Record: Dropped calf January 26, 1904, at 5 y. 11 m. 25 d. of age; commenced record March 10, 1904; closed record March 16; 7 days' production 15.642 lbs. butter fat; milk 507.4 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

**NETHERLAND BUTTERCUP 2637 A. R. O. 58717.**

NETHERLAND BUTTER- CUP 2637 A. R. O. In 2 y. 9 m. 17 d., 55.709 lbs. fat 30 d.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{	Manor De Kol 130 A. R.
		Garthsy's Lady Netherland 38124.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	Aaggie Leila's Prince 4419 H.
			{	Garthsy 14421.

Owned by Henry Stevens & Son, Lacona, N. Y.



[Entry of additional records. For previous records see Vol. XIV, page 135.]

Second Official Butter Record: Dropped calf January 7, 1904, at 2 y. 9 m. 17 d. of age; commenced record February 1, 6 p. m., 1904; closed record February 8, 12 m.; 7 days' production 13.958 lbs. butter fat; milk 506.2 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 7, 1904, at 2 y. 9 m. 17 d. of age; commenced record January 17, 8 p. m., 1904; closed record February 16, 12 m.; 30 days' production 55.709 lbs. butter fat; milk 1,954.7 lbs.

Attested by Charles H. Kraatz and Manley Clark, Cornell University Agricultural Experiment Station.

### SARA JEWEL 1892 A. R. O. 42085.

SARA JEWEL 1892 A. R. O. In 7 y. 10 m. 2 d., 17.432 lbs. fat.	Jewel Ekster 21041.	{ Jewel Echo's Sir Henry Colanthus 16446. Ekster 2d B. 9121.
	Sara Pietertje 32311.	{ Pietertje Hartog 137 A. R. Martha H. 8686.

Owned by Henry Stevens & Son, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XII, page 110; Vol. XIII, page 226.]

Third Official Butter Record: Dropped calf January 30, 1904, at 7 y. 10 m. 2 d. of age; commenced record February 8, 12 a. m., 1904; closed record February 15, 6 a. m.; 7 days' production 17,432 lbs. butter fat; milk 499 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

### NO. 3575. JANICE 51000.

JANICE 3575 A. R. O. In 4 y. 11 m. 5 d., 12.081 lbs. fat.	Beautiful Boon's Paul De Kol 311 A. R.	{ Aaggie Wayne 4th's Paul De Kol 20928. Beautiful Boon 27177.
	Jamaica Princess 2899.	{ Viking 2062 H. Jamaica 2d 4818 H.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by A. R. Flower, Watertown, N. Y. Calved March 5, 1899.

Official Butter Record: Dropped calf February 10, 1904, at 4 y. 11 m. 5 d. of age; commenced record March 1, 1904; closed record March 7; 7 days' production 12.081 lbs. butter fat; milk 385.9 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

**NO. 3576. MILTON PIETERTJE DE KOL 60730.**

MILTON PIETERTJE DE KOL 3576 A. R. O. In 2 y. 21 d., 8.473 lbs. fat.	{	Otley Heegstra 25990.	{	Prince Heegstra 23399.
				De Kol Otley 39193.
	{	Milton Topaz Pietertje 2d's De Kol 55943.	{	Zozo Colantha De Kol 25185.
				Milton Topaz Pietertje 2d 49325.

Owned by William A. Odell, Cortland, N. Y. Bred by W. M. Burr, Cazenovia, N. Y. Calved April 2, 1902.

Official Butter Record: Dropped calf April 23, 1904, at 2 y. 21 d. of age; commenced record May 8, 1904; closed record May 14; 7 days' production 8,473 lbs. butter fat; milk 283.2 lbs.

Attested by D. H. Cole, Cornell University Agricultural Experiment Station.

**NO. 3577. CROWN PRINCESS COLANTHUS 2D 59968.**

CROWN PRINCESS COL- ANTHUS 2d 3577 A. R. O. In 2 y. 2 m. 12 d., 10.155 lbs. fat.	{	Homestead Hengerveld Crown De Kol 26345.	{	De Kol 2d's Butter Boy 3d 147 A. R.
				Inka De Kol Hengerveld 46762.
	{	Crown Princess Colanthus 52060.	{	Prince Lutske Colanthus 2d 23375.
				Fair Star 2d 44290.

Owned by Clarence H. Odell, Cortland, N. Y. Bred by I. J. Foster, Cortland, N. Y. Calved February 11, 1902.

Official Butter Record: Dropped calf April 23, 1904, at 2 y. 2 m. 12 d. of age; commenced record May 8, 1904; closed record May 14; 7 days' production 10,155 lbs. butter fat; milk 327.3 lbs.

Attested by D. H. Cole, Cornell University Agricultural Experiment Station.

**NO. 3578. BELLEWOOD 2D'S LASS 54630.**

BELLEWOOD 2d's LASS 3578 A. R. O. In 4 y. 10.861 lbs. fat.	{	Ophelia 7th's Monk 284 A. R.	{	Monk Lyons 21327.
				Ophelia 7th 36875.
	{	Bellewood 2d 34780.	{	Netherland Chief 2d 14406.
				Bellewood 18763.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved March 26, 1900.

Official Butter Record: Dropped calf March 26, 1904, at 4 y. of age; commenced record May 3, 1904; closed record May 9; 7 days' production 10.861 lbs. butter fat; milk 323.9 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

### NO. 3579. MONK LYONS' OPHELIA 2D 58442.

MONK LYONS' OPHELIA 2d 3579 A. R. O. In 2 y. 11 m. 21 d., 9.500 lbs. fat.	{	Pietertje Hengerveld's Count De Kol 135 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
				Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
		{	{	Monk Lyons 21327.
				Ophelia 4th's Clothilde 39560.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved March 17, 1901.

Official Butter Record: Dropped calf March 8, 1904, at 2 y. 11 m. 21 d. of age; commenced record May 1, 12.30 p. m., 1904; closed record May 8, 4.30 a. m.; 7 days' production 9.500 lbs. butter fat; milk 311.5 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

### NO. 3580. BUCKEYE QUEEN 2D'S LASS 58435.

BUCKEYE QUEEN 2d's LASS 3580 A. R. O. In 3 y. 22 d., 11.943 lbs. fat.	{	Pietertje Hengerveld's Count De Kol 135 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
				Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
		{	{	Monk Lyons 21327.
				Buckeye Queen 36859.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved, March 23, 1901.

Official Butter Record: Dropped calf April 15, 1904, at 3 y. 22 d. of age; commenced record April 28, 12.30 p. m., 1904; closed record May 5, 4.30 a. m.; 7 days' production 11.943 lbs. butter fat; Milk 348.5 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.



**NO. 3581. LANGTRY DE KOL 2D 58438.**

LANGTRY DE KOL 2d 3581 A. R. O. In 3 y. 5 d., 9.334 lbs. fat.	{	Pietertje Hengerveld's Count De Kol 135 A. R.	{ De Kol 2d's Butter Boy 129 A. R. Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
		Langtry De Kol 47973.	{ Pauline Paul's Grandson's Clothilde 279 A. R. Langtry O'Line 36870.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved March 9, 1901.

Official Butter Record: Dropped calf March 14, 1904, at 3 y. 5 d. of age; commenced record April 30, 12.30 p. m., 1904; closed record May 7, 4.30 a. m.; 7 days' production 9.334 lbs. butter fat; milk 277.8 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

Second Official Butter Record: Dropped calf March 11, 1905, at 4 y. 2 d. of age; commenced record March 31, 10.30 a. m., 1905; closed record April 7, 4.30 a. m.; 7 days' production 16.550 lbs. butter fat; milk 468.8 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 3582. DELANA MECHTHILDE 64088.**

DELANA MECHTHILDE 3582 A. R. O. In 1 y. 9 m. 18 d., 7.693 lbs. fat.	{	Sir Josephine Siemke Mech- thilde 25853.	{ Empress Josephine's Sir Mechthilde 22646. Siemke 3d's Mechthilde's Beauty 964 W.
		Delana Endicott 63786.	{ De Laag Duke 24286. Hilda Endicott 516 W.

Owned by H. B. Cowles, Topeka, Kan. Bred by H. N. Holdeman, Girard, Kan. Calved May 20, 1902.

Official Butter Record: Dropped calf March 8, 1904, at 1 y. 9 m. 18 d. of age; commenced record May 6, 1904; closed record May 12; 7 days' production 7.693 lbs. butter fat; milk 242 lbs.

Attested by John B. Griffing, Kansas Agricultural Experiment Station.

**NO. 3583. WYNTJE JOSEPHINE 63805.**

WYNTJE JOSEPHINE 3583 A. R. O. In 1 y. 8 m. 26 d., 8.432 lbs. fat.	{	Sir Josephine Siemke Mechthilde 25853.	{ Empress Josephine's Sir Mechthilde 22646. Siemke 3d's Mechthilde's Beauty 964 W.
		Parthenea Wyntje 60009.	{ Princess Sir Henry Parthenea 24146. Cherry Wyntje 46397.

Owned by H. B. Cowles, Topeka, Kan. Bred by H. N. Holdeman, Girard, Kan.  
Calved May 29, 1902.

Official Butter Record: Dropped calf February 25, 1904, at 1 y. 8 m. 26 d. of age; commenced record May 6, 1904; closed record May 12; 7 days' production 8.432 lbs. butter fat; milk 262.8 lbs.

Attested by John B. Griffing, Kansas Agricultural Experiment Station.

#### NO. 3584. SEGIS DE KOL KORNDYKE QUEEN 64897.

SEGIS DE KOL KORNDYKE QUEEN 3584 A. R. O. In 3 y. 1 m. 7 d., 15.234 lbs. fat.	{	Korndyke Queen De Kol's Prince 255 A. R.	{	Lorraine Prince 23109.
				Korndyke Queen De Kol 1549 A. R. O. In 6 y. 7 m. 19 d., 349.636 lbs. fat 182½ d.
	{	Segis Beets De Kol 4332 A. R. O. In 8 y. 5 m. 6 d., 14.723 lbs. fat.	{	Paul Beets De Kol 113 A. R.
				Segis 1028 A. R. P. In 6 y. 7 m. 1 d., 15 lbs. 8 oz. butter by churn.

Owned by John B. Marcou, Princeton, Mass. Bred by C. H. Gates, Bridgewater, N. Y. Calved March 20, 1901.

Official Butter Record: Dropped calf April 27, 1904, at 3 y. 1 m. 7 d. of age; commenced record May 17, 1904; closed record May 23; 7 days' production 15.234 lbs. butter fat; milk 384.4 lbs.

Attested by Albert Parsons, Hatch (Mass.) Agricultural Experiment Station.

#### CATRINA PIETERTJE BEETS DE KOL 2900 A. R. O. 54684.

CATRINA PIETERTJE BEETS DE KOL 2900 A. R. O. In 3 y. 11 m. 5 d., 15.511 lbs. fat.	{	Paul Beets De Kol 113 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.455 lbs. fat.
	{	Catrina 7th's Pietertje 1519 A. R. O. In 8 y. 2 m. 25 d., 14.449 lbs. fat.	{	Inka Princess Pietertje Netherland 95 A. R.
				Catrina 7th 2950 H.

Owned by John B. Marcou, Princeton, Mass.

[Entry of additional records. For previous records see Vol. XV, page 46.]

Second Official Butter Record: Dropped calf May 6, 1904, at 3 y. 11 m. 5 d. of age; commenced record May 18, 1904; closed record May 24; 7 days' production 15.511 lbs. butter fat; milk 365.5 lbs.

Attested by Albert Parsons, Hatch (Mass.) Agricultural Experiment Station.

**NO. 3585. MOSETTA DE KOL HENGERVELD 59677.**

MOSETTA DE KOL HENGERVELD 3585 A. R. O. In 2 y. 11 m. 11 d., 8.978 lbs. fat.	{	Manor De Kol 130 A. R.	{	De Kol 2d's Netherland 118 A. R.
			{	Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.
		Mosetta De Kol 44681.	{	Judge Akkrum De Kol 172 A. R.
			{	Mosetta 32083.

Owned by John B. Marcou, Princeton, Mass. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved May 3, 1901.

Official Butter Record: Dropped calf April 14, 1904, at 2 y. 11 m. 11 d. of age; commenced record May 12, 1904; closed record May 18; 7 days' production 8.978 lbs. butter fat; milk 286.5 lbs.

Attested by Albert Parsons, Hatch (Mass.) Agricultural Experiment Station.

**ALCARTRA PLUM 2885 A. R. O. 59075.**

ALCARTRA PLUM 28850 A. R. O. In 3 y. 23 d., 14.048 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
			{	Pearl of the Dairy 13271.
		Alcartra 2d's Rose 1944 A. R. O. In 8 y. 10 m. 22 d., 14.239 lbs. fat.	{	Bientje 3d's Clothilde 18749.
			{	Alcartra 2d 16464.

Owned by E. E. Randall, Watertown, Wis.

[Entry of additional records. For previous records see Vol. XV, page 34.]

Second Official Butter Record: Dropped calf April 14, 1904, at 3 y. 23 d. of age; commenced record May 5, 1904; closed record May 12; 7 days' production 14.048 lbs. butter fat; milk 384.6 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

**NO. 3586. WISCONSIN BESS 5TH 63561.**

WISCONSIN BESS 5th 3586 A. R. O. In 3 y. 17 d., 12.914 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
			{	Pearl of the Dairy 13271.
		Wisconsin Bess 1989 A. R. O. In 7 y. 6 m. 18 d., 69.117 lbs. fat 30 d.	{	Van Beers Aaggie Netherland 24032.
			{	Wisconsin Belle 12016.

Owned and bred by E. E. Randall, Watertown, Wis. Calved March 22, 1902.



Description: Age, 2 y. 1 m. 13 d.; milk and beef form; head, proportionate, symmetrical; neck, medium, level; chine, straight, very broad, open vertebrae; loin and hips, strong, level; rump, high, slightly sloping; escutcheon, very large, fine; mammary veins, medium length, large; udder, very capacious, flexible, quarters even; teats, good, well placed; handling, good; secretions of skin, not very noticeable; general appearance, very vigorous, fine, stylish; height, shoulders 51 inches, hips 52.5; length, body 55, rump 17.75; width, hips 20, thurl 18; girth, 69.5; weight 950 lbs.; examiner, R. Elliot; examined May 5, 1904.

Official Butter Record: Dropped calf April 9, 1904, at 2 y. 17 d. of age; commenced record May 5, 1904; closed record, May 12; 7 days' production 10.631 lbs. butter fat; milk 306.2 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

Second Official Butter Record: Dropped calf April 9, 1905, at 3 y. 17 d. of age; commenced record May 6, 1905; closed record May 12; 7 days' production 12.914 lbs. butter fat; milk 332.7 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

#### NO. 3587. EDITH GRACE DE KOL 64005.

EDITH GRACE DE KOL  
3587 A. R. O. In 2 y.  
15 d., 10.447 lbs. fat.

{	Paul Beets De Kol 113 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
		{ Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
{	Edith Grace 1520 A. R. O. In 3 y. 10 m. 18 d., 12.171 lbs. fat.	{ Aaggie Grace's Pietertje Clothilde 112 A. R.
		{ Edith Prescott 4th's Pietertje 35087.

Owned and bred by A. W. Brown, Unadilla Forks, N. Y. Calved April 3, 1902.

Official Butter Record: Dropped calf April 18, 1904, at 2 y. 15 d. of age; commenced record May 9, 1904; closed record May 15; 7 days' production 10.447 lbs. butter fat; milk 399.4 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

#### GRACE DE KOL 2D 2898 A. R. O. 54789.

GRACE DE KOL 2d 2898  
A. R. O. In 3 y. 4 m. 29  
d., 14.507 lbs. fat.

{	Paul Beets De Kol 113 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
		{ Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
{	Grace De Kol 2260 A. R. O. In 4 y. 6 m. 11 d., 14.015 lbs. fat.	{ Paul Beets De Kol 113 A. R.
		{ Aaggie Grace's Pietertje 26732.

Owned by A. W. Brown, Unadilla Forks, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 45.]

Second Official Butter Record: Dropped calf April 16, 1904, at 3 y. 4 m. 29 d. of age; commenced record May 9, 11.30 a. m., 1904; closed record May 16, 5.30 a. m.; 7 days' production 14.507 lbs. butter fat; milk 415.1 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

### CATRINA DE KOL PIETERTJE 2022 A. R. O. 50733.

CATRINA DE KOL PIETERTJE 2022 A. R. O. In 4 y. 10 m. 28 d., 13.632 lbs. fat.	{	Pietertje Alban De Kol 173 A. R.	{ De Kol 2d's Butter Boy 129 A. R. Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.
		Catrina De Kol 44888.	{ Paul Beets De Kol 113 A. R. Albina 4th's Pietertje Netherland 1297 A. R. O. In 4 y. 1 m. 23 d., 14.457 lbs. fat.

Owned by A. W. Brown, Unadilla Forks, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 50.]

Second Official Butter Record: Dropped calf March 31, 1904, at 4 y. 10 m. 28 d. of age; commenced record May 9, 1904; closed record May 15; 7 days' production 13.632 lbs. butter fat; milk 482.5 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

### NO. 3588. LILY NETHERLAND DE KOL 2D 59151.

LILY NETHERLAND DE KOL 2d 3588 A. R. O. In 2 y. 4 m. 25 d., 12.282 lbs. fat.	{	Korndyke Queen De Kol's Prince 255 A. R.	{ Lorraine Prince 23109. Korndyke Queen De Kol 1549 A. R. O. In 6 y. 7 m. 19 d., 349.636 lbs. fat 182½ d.
		Lily Netherland De Kol 2199 A. R. O. In 4 y. 2 m. 20 d., 14.656 lbs. fat.	{ Paul Beets De Kol 113 A. R. Lily Netherland 1303 A. R. O. In 6 y. 10 m. 2 d., 12.295 lbs. fat.

Owned and bred by A. W. Brown, Unadilla Forks, N. Y. Calved November 30, 1901.

Official Butter Record: Dropped calf April 25, 1904, at 2 y. 4 m. 25 d. of age; commenced record May 8, 11.30 p. m., 1904; closed record May 15, 5.30 p. m.; 7 days' production 12.282 lbs. butter fat; milk 378.8 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 3589. FRAUCKTJE 2D'S MAID 2D 63565.**

FRAUCKTJE 2d's MAID 2d 3589 A. R. O. In 2 y. 11 d., 10.275 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
			{	Pearl of the Dairy 13271.
	{	Fraucktje 2d's Maid 1948 A. R. O. In 3 y. 8 m. 14 d., 12.874 lbs. fat.	{	De Kol Burke 162 A. R.
			{	Fraucktje 2d 1341 A. R. O. In 1 y. 9 m. 28 d., 8.129 lbs. fat.

Owned and bred by E. E. Randall, Watertown, Wis. Calved March 18, 1902.

Official Butter Record: Dropped calf March 29, 1904, at 2 y. 11 d. of age; commenced record May 3, 1904; closed record May 9; 7 days' production 10.275 lbs. butter fat; milk 306.1 lbs.

Attested by R. E. [redacted] Agricultural Experiment Station.

**NO. 3590. IMPERIAL MAID DE KOL 62671.**

IMPERIAL MAID DE KOL 3590 A. R. O. In 2 y. 3 m. 8 d., 8.470 lbs. fat.	{	Mercedes Paul De Kol Clothilde 28293.	{	De Kol 2d's Paul De Kol 107 A. R.
			{	Mercedes Clothilde Lucy 48389.
	{	Clothilde Imperial Maid 49381.	{	Clothilde 4th's Imperial King 21584.
			{	Shadeland Coin's Pet 42801.

Owned by Lamb Brothers, East Hamilton, N. Y. Bred by R. H. Estes, Poolville, N. Y. Calved January 18, 1902.

Official Butter Record: Dropped calf April 26, 1904, at 2 y. 3 m. 8 d. of age; commenced record May 11, 1904; closed record May 17; 7 days' production 8.470 lbs. butter fat; milk 230.3 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**SUSIE LAMB DE KOL VEEMAN 2797 A. R. O. 54649.**

SUSIE LAMB DE KOL VEEMAN 2797 A. R. O. In 4 y. 1 m. 14 d., 26.249 lbs. fat 14 d.	{	Sir Veeman Lamb De Kol 236 A. R.	{	Lamb De Kol Pietertje 218 A. R.
			{	Sethje Veeman 4th's Pietertje 44023.
	{	Susie Lamb 2d 54648.	{	Sir Pietertje Lamb 337 A. R.
			{	Susie Lamb 2198 A. R. O. In 9 y. 4 m. 12 d., 15.832 lbs. fat.



Owned by Lamb Brothers, East Hamilton, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 226.]

Second Official Butter Record: Dropped calf April 9, 1904, at 4 y. 1 m. 14 d. of age; commenced record May 9, 8.30 p. m., 1904; closed record May 16, 12.30 p. m.; 7 days' production 14.165 lbs. butter fat; milk 489.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf April 9, 1904, at 4 y. 1 m. 14 d. of age; commenced record May 3, 8.30 p. m., 1904; closed record May 17, 12.30 p. m.; 14 days' production 26.249 lbs. butter fat; milk 833.5 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

#### NO. 3591. LARKY DE KOL 2D 63008.

LARKY DE KOL 2d 3591 A. R. O. In 2 y. 2 m. 1 d., 10.254 lbs. fat.	{	Woodland Lass De Kol's King 355 A. R.	{ De Kol 2d's Butter Boy 3d 147 A. R. Woodland Lass De Kol 43813.
		Larky De Kol 2810 A. R. O. In 5 y. 2 m. 4 d., 23727 lbs. fat 14 d.	{ Lamb De Kol Pietertje 218 A. R. Larky Captola B. 63006.

Owned and bred by Lamb Brothers, East Hamilton, N. Y. Calved March 1, 1902.

Official Butter Record: Dropped calf May 2, 1904, at 2 y. 2 m. 1 d. of age; commenced record May 9, 8 p. m., 1904; closed record May 16, 12 m.; 7 days' production 10.254 lbs. butter fat; milk 263.2 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

#### NO. 3592. PHOEBE VEEMAN 2D 62354.

PHOEBE VEEMAN 2d 3592 A. R. O. In 4 y. 2 m. 8 d., 15.422 lbs. fat.	{	Lamb De Kol Pietertje 218 A. R.	{ De Kol 2d's Queen's Pietertje 17067. Vleel 2d 857 A. R. P. In 2 y. 2 m. 15 lbs. 14.5 oz. butter by churn.
		Phoebe Veeman 4071 A. R. O. In 6 y. 8 m. 22 d., 35.706 lbs. fat 14 d.	{ Sir Pietertje Lamb 337 A. R. Sophie Veeman 2d 13300.

Owned and bred by H. H. Wickwire, Hubbardsville, N. Y. Calved February 17, 1900.

Official Butter Record: Dropped calf April 25, 1904, at 4 y. 2 m. 8 d. of age; commenced record May 11, 1904; closed record May 17; 7 days' production 15.422 lbs. fat; milk 440.7 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 3593. MERCEDES CLOTHILDE DE KOL 62893.**

MERCEDES CLOTHILDE DE KOL 3593 A. R. O. In 2 y. 3 m. 3 d., 9.372 lbs. fat.	{	De Kol 2d's Paul De Kol King G. 26596.	{	De Kol 2d's Paul De Kol King 23237.
				Shadeland Zeus' Kate 36005.
	{	Mercedes Clothilde Lucy 48389.	{	Vikina Netherland Clothilde 22794.
				Mercedes Hengerveld 23723.

Owned by George Lamb, East Hamilton, N. Y. Bred by R. H. Estes, Poolville, N. Y. Calved January 31, 1902.

Official Butter Record: Dropped calf May 4, 1904, at 2 y. 3 m. 3 d. of age; commenced record May 11, 1904; closed record May 17; 7 days' production 9.372 lbs. butter fat; milk 270 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 3594. PALESTINE STAR 61295.**

PALESTINE STAR 3594 A. R. O. In 2 y. 18 d., 8.177 lbs. fat.	{	Butter Boy Pietertje 296 A. R.	{	De Kol 2d's Butter Boy 3d 147 A. R.
				Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
	{	Palestine Girl 46776.	{	Apple Pie 21941.
				Burton Girl 5000.

Owned and bred by Knapp & Pierce, East Claridon, O. Calved November 17, 1901.

Official Butter Record: Dropped calf December 5, 1903, at 2 y. 18 d. of age; commenced record May 22, 1904; closed record May 28; 7 days' production 8.177 lbs. butter fat; milk 305.6 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3595 ANNA BATTELS PIETERTJE DE KOL 62488.**

ANNA BATTELS PIE- TERTJE DE KOL 3595 A. R. O. In 2 y. 11 d., 9.857 lbs. fat.	{	Butter Boy Pietertje 296 A. R.	{	De Kol 2d's Butter Boy 3d 147 A. R.
				Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
✓	{	Anna Battels De Kol 2477 A. R. O. In 1 y. 11 m. 8 d., 8.411 lbs. fat.	{	De Kol Admiral Paul 207 A. R.
				Anna Battels 4th 2000 A. R. O. In 4 y. 4 m. 15.209 lbs. fat.

Owned and bred by Knapp & Pierce, East Claridon, O. Calved April 22, 1902.

Official Butter Record: Dropped calf May 3, 1904, at 2 y. 11 d. of age; commenced record May 22, 1904; closed record May 28; 7 days' production 9.857 lbs. butter fat; milk 318.8 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3596. ALMA DE KOL QUEEN 62481.**

ALMA DE KOL QUEEN  
3596 A. R. O. In 2 y. 5  
d., 9.675 lbs. fat.

Butter Boy Pietertje 296  
A. R.

De Kol 2d's Butter Boy 3d  
147 A. R.

Aaggie Grace 2d's Pietertje  
1222 A. R. O. In 6 y. 2  
m. 23 d., 18.811 lbs. fat.

Alma De Kol 2476 A. R. O.  
In 4 y. 2 d., 15.011 lbs.  
fat.

De Kol Admiral Paul 207  
A. R.

Alma Mater 3d 42104.

Owned and bred by Knapp & Pierce, East Claridon, O. Calved April 30, 1902.

Official Butter Record: Dropped calf May 5, 1904, at 2 y. 5 d. of age; commenced record May 22, 1904; closed record May 28; 7 days' production 9.675 lbs. butter fat; milk 289 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3597. HENGERVELD DUCHESS DE KOL 2D 61297.**

HENGERVELD DUCHESS  
DE KOL 2d 3597 A. R.  
O. In 2 y. 3 m. 14 d.,  
9.033 lbs. fat.

Butter Boy Pietertje 296  
A. R.

De Kol 2d's Butter Boy 3d  
147 A. R.

Aaggie Grace 2d's Pietertje  
1222 A. R. O. In 6 y. 2  
m. 23 d., 18.811 lbs. fat.

Hengerveld Duchess De Kol  
4246 A. R. O. In 5 y. 3  
m. 4 d., 16.284 lbs. fat.

Emerald Hengerveld De Kol  
356 A. R.

Beauty Clothilde Duchess  
43964.

Owned and bred by Knapp & Pierce, East Claridon, O. Calved, September 25, 1901.

Official Butter Record: Dropped calf January 9, 1904, at 2 y. 3 m. 14 d. of age; commenced record May 22, 1904; closed record May 28; 7 days' production 9.033 lbs. butter fat; milk 329.9 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3598. LUNA MAUD PIETERTJE 2D 61294.**

LUNA MAUD PIETERTJE  
2d 3598 A. R. O. In 2 y.  
21 d., 8.892 lbs. fat.

Butter Boy Pietertje 296  
A. R.

De Kol 2d's Butter Boy 3d  
147 A. R.

Aaggie Grace 2d's Pietertje  
1222 A. R. O. In 6 y. 2  
m. 23 d., 18.811 lbs. fat.

Luna Maud Pietertje 49035.

Pietertje Beauty 19405.

Luna Maud 4500.



Owned and bred by Knapp & Pierce, East Claridon, O. Calved December 10, 1901.

Official Butter Record: Dropped calf January 1, 1904, at 2 y. 21 d. of age; commenced record May 22, 1904; closed record May 28; 7 days' production 8.892 lbs. butter fat; milk 309.1 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

### NO. 3599. JUNO DE KOL PIETERTJE 62489.

<b>JUNO DE KOL PIETERTJE</b> 3599 A. R. O. In 2 y. 2 m. 14 d., 8.674 lbs. fat.	{ Butter Boy Pietertje 296 A. R. Alma Mater 3d 42104.	{ De Kol 2d's Butter Boy 3d 147 A. R.
		{ Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
		{ Mantel 6th's Clothilde A. 22048.
		{ Alma Mater 36646.

Owned and bred by Knapp & Pierce, East Claridon, O. Calved February 18, 1902.

Official Butter Record: Dropped calf May 2, 1904, at 2 y. 2 m. 14 d. of age; commenced record May 22, 1904; closed record May 28; 7 days' production 8.674 lbs. butter fat; milk 277.9 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

### NO. 3600. WAUKASHA PIETERTJE 62482.

<b>WAUKASHA PIETERTJE</b> 3600 A. R. O. In 2 y. 18 d., 10.848 lbs. fat.	{ Butter Boy Pietertje 296 A. R. Waukasha De Kol 2474 A. R. O. In 2 y. 1 m. 12 d., 9.532 lbs. fat.	{ De Kol 2d's Butter Boy 3d 147 A. R.
		{ Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
		{ De Kol Admiral Paul 207 A. R.
		{ Waukasha Beauty 2479 A. R. O. In 4 y. 1 m. 16 d., 10.913 lbs. fat.

Owned and bred by Knapp & Pierce, East Claridon, O. Calved April 16, 1902.

Official Butter Record: Dropped calf May 4, 1904, at 2 y. 18 d. of age; commenced record May 22, 1904; closed record May 28; 7 days' production 10.848 lbs. butter fat; milk 326.8 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3601. CALAMITY HENGERVELD KEEKKE 53424.**

CALAMITY HENGERVELD KEEKKE 3601 A. R. O. In 4 y. 2 m. 25 d., 11.700 lbs. fat.	{	Calamity Jane's Paul 146 A. R.	{	Sir Paul De Kol Clothilde 174 A. R.
		Kekke Hengerveld De Kol 48390.	{	Calamity Jane 1311 A. R. O. In 7 y. 10 m. 11 d., 20.041 lbs. fat.
			{	Manor De Kol 130 A. R.
			{	Pietertje Kekke 1143 A. R. O. In 2 y. 6 m. 1 d., 9.953 lbs. fat.

Owned by Knapp & Pierce, East Claridon, O. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved January 1, 1900.

Official Butter Record: Dropped calf April 26, 1904, at 4 y. 2 m. 25 d. of age; commenced record May 22, 1904; closed record May 28; 7-days' production 11.700 lbs. butter fat; milk 409.6 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3602. RUBY TERPSTRA 2D 47802.**

RUBY TERPSTRA 2d 3602 A. R. O. In 6 y. 12 d., 16.100 lbs. fat.	{	Sir Ononis Netherland 300 A. R.	{	Soldene 2d's Netherland 8519.
		Ruby Terpstra 3734.	{	Ononis 2366 H.
			{	Pleasant Valley Mooie 132 A. R.
			{	Ee Terpstra 681 D. F.

Owned by W. W. Cheney, Manlius, N. Y. Bred by J. W. Coley, New Woodstock, N. Y. Calved March 15, 1898.

Official Butter Record: Dropped calf March 27, 1904, at 6 y. 12 d. of age; commenced record May 20, 8 p. m., 1904; closed record May 27, 12 m.; 7 days' production 16.100 lbs. butter fat; milk 440.5 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**AULINDA NETHERLAND 2162 A. R. O. 50127.**

AULINDA NETHERLAND 2162 A. R. O. In 4 y. 10 m. 25 d., 13.633 lbs. fat.	{	Harvey Netherland 23760.	{	Netherland Helmer 11278.
		Bewunde's Aaggie Silvercup 36447.	{	Aulinda 6th 22145.
			{	Antje Vriend's Mercedes Prince 88 A. R.
			{	Bewunde's Aaggie 1078 A. R. P. In 5 y. 7 m. 5 d., 29 lbs. 5 oz. butter by churn.

Owned by W. W. Cheney, Manlius, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 123.]

Second Official Butter Record: Dropped calf May 12, 1904, at 4 y. 10 m. 25 d. of age; commenced record May 23, 1904; closed record May 29; 7 days' production 13.633 lbs. butter fat; milk 352.3 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 3603. BERTHA SHADELAND PAUL 53657.**

BERTHA SHADELAND PAUL, 3603 A. R. O. In 4 y. 3 m. 24 d., 16.379 lbs. fat.	{	McKinley Paul 316 A. R.	{	Neta Paul's Son 22125.
				Neta Paul 5522 H.
	{	Bertha of Shadeland 5th 14889.	{	Carlos of Shadeland 2778 H.
				Bertha of Shadeland 2406 H.

Owned by W. W. Cheney, Manlius, N. Y. Bred by George West, Syracuse, N. Y. Calved December 14, 1899.

Official Butter Record: Dropped calf April 8, 1904, at 4 y. 3 m. 24 d. of age; commenced record May 21, 8 p. m., 1904; closed record May 28, 12 m.; 7 days' production 16.379 lbs. butter fat; milk 437.6 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 3604. JOHANNA BEECHWOOD 65954.**

JOHANNA BEECHWOOD 3604 A. R. O. In 2 y. 9 m. 8 d., 35.805 lbs. fat 30 d.	{	De Kol Fobes 24566.	{	De Kol Burke 162 A. R.
				Jessie Fobes 4th 1907 A. R. O. In 7 y. 10 m. 1 d., 64.970 lbs. fat 30 d.
	{	Duchess of Beechwood 3d 48575.	{	Sir Johanna 23446.
				Duchess of Beechwood 1445 A. R. O. In 5 y. 7 m., 13.237 lbs. fat.

Owned by Reddelein Brothers, North Lake, Wis. Bred by J. R. Watson, Menomonee Falls, Wis. Calved December 4, 1900.

Description: Age, 3 y. 5 m. 22 d.; beef and milk form; head, long, strong; neck, short, thick; chine, double, straight; loin, broad, strong; hips level; rump, broad, square; escutcheon, wide, long; mammary veins, prominent, well branched; udder, well balanced, good quality, quarters evenly balanced; teats, small, well placed; handling, excellent; secretions of skin, fairly abundant; general appearance, a little coarse; height, shoulders 57.5 inches, hips 57.5; length, body 66, rump 20; width, hips 22.25, thurl 22; girth 80; weight, 1,250 lbs.; examiner, Bryant R. Ryall; examined May 26, 1904.

Official Butter Record: Dropped calf September 12, 1903, at 2 y. 9 m. 8 d. of age; commenced record May 1, 1904; closed record May 7; 7 days' production 8.443 lbs. butter fat; milk 247.6 lbs.



Official Butter Record: Thirty consecutive days. Dropped calf September 12, 1903, at 2 y. 9 m. 8 d. of age; commenced record April 30, 1904; closed record May 29; 30 days' production 35.805 lbs. butter fat; milk 1,069.4 lbs.

Attested by Bryant R. Ryall, Wisconsin Agricultural Experiment Station.

Second Official Butter Record: Dropped calf November 14, 1904, at 3 y. 11 m. 10 d. of age; commenced record December 26, 1904; closed record January 2, 1905; 7 days' production 15.216 lbs. butter fat; milk 464.2 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

### WINNIE WARTENA NETHERLAND 2931 A. R. O. 37630.

WINNIE WARTENA NETHERLAND 2931 A. R. O. In 10 y. 7 m. 7 d., 88.709 lbs. fat 30 d.	{	Iron Ajax 2662.	{	Iron Age 1156 H.
				Kathleen 2748 H.
			Wartena 6001 H. (Imp.)	

Owned by Reddelein Brothers, North Lake, Wis.

[Entry of additional records. For description and previous records see Vol. XV, page 68.]

Second Official Butter Record: Dropped calf April 22, 1904, at 10 y. 7 m. 7 d. of age; commenced record May 3, 6 a. m., 1904; closed record May 10, 12 p. m.; 7 days' production 21.419 lbs. butter fat; milk 535.7 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 22, 1904, at 10 y. 7 m. 7 d. of age; commenced record April 30, 1904; closed record May 29; 30 days' production 88.709 lbs. butter fat; milk 2,331 lbs.

Attested by Bryant R. Ryall, Wisconsin Agricultural Experiment Station.

### NO. 3605. LYONS GERSTER 2D 58440.

LYONS GERSTER 2d 3605 A. R. O. In 2 y. 6 m. 28 d., 10.174 lbs. fat.	{	Ophelia 7th's Monk 284 A. R.	{	Monk Lyons 21327.
				Ophelia 7th 36875.
			Lyons Gerster 43799.	{
		Langtry 4th's Gerster 39561.		

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved October 2, 1901.

Official Butter Record: Dropped calf April 30, 1904, at 2 y. 6 m. 28 d. of age; commenced record May 10, 8.30 p. m., 1904; closed record May 17, 12.30 p. m.; 7 days' production 10.174 lbs. butter fat; milk 295.9 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

# **KATHEREEN BEETS 2398 A. R. O. 54737.**

<b>KATHEREEN BEETS 2398</b> A. R. O. In 4 y. 1 m. 15 d., 15.761 lbs. fat.	{ Aaggie Grace Sir De Kol 199 A. R.	{ Manor De Kol 130 A. R.
		{ Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
	{ Manor Beets 14056.	{ Calamity 4326.
		{ Anna Beets 1100 A. R. P. In 6 y. 2 m. 23 d., 21 lbs. 4 oz. butter by churn.

Owned by W. H. Grenell, Pierrepont Manor, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 260, Vol. XV, page 428.]

Third Official Butter Record: Dropped calf April 17, 1904, at 4 y. 1 m. 15 d. of age; commenced record May 6, 12 p. m., 1904; closed record May 13, 6 a. m.; 7 days' production 15.761 lbs. butter fat; milk 443.5 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

# **INKA PALAWAN 2391 A. R. O. 54742.**

<b>INKA PALAWAN 2391 A.</b> R. O. In 3 y. 10 m. 26 d., 15.368 lbs. fat.	{ Aaggie Grace Sir De Kol 199 A. R.	{ Manor De Kol 130 A. R.
		{ Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
	{ Jessie Ward 1962 A. R. O. In 6 y. 4 m. 1 d., 12.531 ✓ lbs. fat.	{ Netherland Van Friesland's Prince 17080.
		{ Inka Kathleen's Pietertje 2252 A. R. O. In 11 y. 11 m., 61.333 lbs. fat 30 d.

Owned by W. H. Grenell, Pierrepont Manor, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 257, Vol. XV, page 428.]

Third Official Butter Record: Dropped calf April 16, 1904, at 3 y. 10 m. 26 d. of age; commenced record May 8, 1904; closed record May 14; 7 days' production 15.368 lbs. butter fat; milk 474.6 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**NO. 3606. OPHELIA JANE 2D'S MAID 58444.**

OPHELIA JANE 2d's MAID  
3606 A. R. O. In 4 y. 1  
m., 13.673 lbs. fat.

{ Pietertje Hengerveld's Count  
De Kol 135 A. R. { De Kol 2d's Butter Boy 129  
A. R.  
{ Pietertje Hengerveld 1139 A.  
R. O. In 4 y. 10 m. 11 d.,  
17.482 lbs. fat.  
{ Ophelia Jane 2d 3405 A. R. { Pauline Paul's Grandson's  
O. In 5 y. 3 m. 17 d.,  
15.140 lbs. fat. { Clothilde 279 A. R.  
{ Ophelia Jane 36873.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers,  
Wellington, O. Calved February 21, 1901.

Official Butter Record: Dropped calf April 26, 1904, at 3 y. 2 m. 5 d. of age;  
commenced record May 5, 8.30 p. m., 1904; closed record May 12, 12.30 p. m.;  
7 days' production 10.198 lbs. butter fat; milk 335.3 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment  
Station.

Second Official Butter Record: Dropped calf March 21, 1905, at 4 y. 1 m.  
of age; commenced record March 30, 10.30 a. m., 1905; closed record April 6,  
4.30 a. m.; 7 days' production 13.673 lbs. butter fat; milk 402 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 3607. JESSIE FOBES 7TH 62893.**

JESSIE FOBES 7th 3607 A.  
R. O. In 2 y. 2 m. 13 d.,  
10.190 lbs. fat.

{ Piebe De Kol Burke 165  
A. R.  
{ Jessie Fobes 19526.

{ De Kol Burke 162 A. R.  
{ Piebe Queen 2d 1460 A. R.  
O. In 5 y. 9 m. 11 d.,  
13.494 lbs. fat.  
{ Lily of Cedarside's Prince  
7490.  
{ Black Cherrie 2d 1555.

Owned and bred by S. B. Jones & Son, Watertown, Wis. Calved February 20,  
1902.

Official Butter Record: Dropped calf May 3, 1904, at 2 y. 2 m. 13 d. of age;  
commenced record May 14, 1904; closed record May 20; 7 days' production 10.190  
lbs. butter fat; milk 347.7 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

**GRACE FAYNE 2D 1478 A. R. O. 44124.**

GRACE FAYNE 2d 1478 A.  
R. O. In 7 y. 2 m. 25 d.,  
85.859 lbs. fat 30 d.

{ Aaltje Salo 3d's Tritomia  
Netherland 121 A. R.  
{ Grace Fayne 37840.

{ Tritomia's Netherland Carl  
148 A. R.  
{ Aaltje Salo 3d 7403.  
{ Aaltje Salo 3d's Tritomia  
Netherland 121 A. R.  
{ Clara Doland 23833.



Owned by S. B. Jones & Son, Watertown, Wis.

[Entry of additional records. For previous records see Vol X, page 53, Vol. XI, page 66, Vol. XII, page 117, Vol. XIII, page 220, Vol. XIV, page 240, Vol. XV, page 56.]

Ninth Official Butter Record: Dropped calf March 26, 1904, at 7 y. 2 m. 25 d. of age; commenced record May 7, 1904; closed record May 13; 7 days' production 21.039 lbs. butter fat; milk 677 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 26, 1904, at 7 y. 2 m. 25 d. of age; commenced record May 7, 1904; closed record May 21; 14 days' production 40.272 lbs. butter fat; milk 1,331 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

#### NO. 3608. GLEN DE KOL ARTIS 2D 62892.

✓ GLEN DE KOL ARTIS 2d 3608 A. R. O. In 2 y. 2 m. 20 d., 8.303 lbs. fat.	{	Sir Piebe De Kol 285 A. R.	{	Baron Pauline De Kol 161 A. R.
				Piebe Queen 1459 A. R. O. In 7 y. 2 d., 15.029 lbs. fat.
	{	Glen De Kol Artis 2321 A. R. O. In 3 y. 5 m. 26 d., 60.341 lbs. fat 30 d.	{	De Kol Burke 162 A. R.
				Glen Rose 3d 44121.

Owned and bred by S. B. Jones & Son, Watertown, Wis. Calved February 11, 1902.

Official Butter Record: Dropped calf May 1, 1904, at 2 y. 2 m. 20 d. of age; commenced record May 14, 1904; closed record May 20; 7 days' production 8.303 lbs. butter fat; milk 269.9 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

#### NO. 3609. BELLE BESSIE 69890.

BELLE BESSIE 3609 A. R. O. In 6 y. 1 m. 8 d., 12.210 lbs. fat.	{	Governor McKinley 2d 34440.	{	Governor McKinley 18795.
				Topeka Belle 308 W.
	{	Brunehilde 1136 W.	{	Governor McKinley 18795.
				Bessie I. 2d of Uplands 9804 H.

Owned and bred by H. B. Cowles, Topeka, Kan. Calved February 7, 1898.

Official Butter Record: Dropped calf March 15, 1904, at 6 y. 1 m. 8 d. of age; commenced record May 6, 1904; closed record May 12; 7 days' production 12.210 lbs. butter fat; milk 366.2 lbs.

Attested by John B. Griffing, Kansas Agricultural Experiment Station.

**NO. 3610. JUMA GIRL ECHO 49653.**

JUMA GIRL ECHO 3610 A. R. O. In 5 y. 7 m. 17 d., 18.227 lbs. fat.	{	Jettine's Echo's Mercedes Prince 258 A. R.	{	Guy Mercedes 10678. Jettine's Echo 24761.
		Juma Girl 35063.	{	Owanda's Mercedes Prince 3348. Juma 2d 4647.

Owned by A. L. Williams, Fond du Lac, Wis. Bred by Frank Brewster, Bowers, Wis. Calved September 25, 1898.

Description: Age, 5 y. 8 m. 8 d.; triple wedge shape form; head, symmetrical, clean cut; neck, clean cut, medium length; chine, straight, broad, open vertebræ; loin, very strong; hips, nearly level; rump, level, straight; escutcheon, large, good quality; mammary veins, prominent, well branched; udder, well balanced, quarters even; teats, good size; handling, very good; secretions of skin, excellent; general appearance, shows great dairy quality; height, shoulders 53 inches, hips 54; length, body 60, rump 20; width, hips 17, thurl 16.5; girth, 72.5; weight, 1,275 lbs.; examiner, H. L. Cockerill; examined June 3, 1904.

Official Butter Record: Dropped calf May 12, 1904, at 5 y. 7 m. 17 d. of age; commenced record May 26, 1904; closed record June 1; 7 days' production 18.227 lbs. butter fat; milk 480.4 lbs.

Food Consumed: 18 lbs. grain, equal parts ground oats, gluten feed and bran, 30 lbs. good corn silage and blue grass pasture daily.

\* Attested by H. L. Cockerill, Wisconsin Agricultural Experiment Station.

**NO. 3611. JESSIE FOBES HELENA 62118.**

JESSIE FOBES HELENA 3611 A. R. O. In 1 y. 1 m. 20 d., 12.553 lbs. fat.	{	De Kol Burke 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R. Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
		Jessie Fobes 5th 1496 A. R. O. In 9 y. 8 m. 2 d., 34.489 lbs. fat 14 d.	{	Aaltje Salo 3d's Tritomia Netherland 121 A. R. Jessie Fobes 19526.

Owned by A. L. Williams, Fond du Lac, Wis. Bred by S. B. Jones & Son, Husstisford, Wis. Calved December 28, 1901.

Description: Age, 2 y. 5 m. 6 d.; triple wedge shape form; head, clean cut, refined; neck, clean cut; chine, well filled in; loin and hips, fairly wide; rump, a trifle narrow, slight sloping; escutcheon, good size; mammary veins, prominent; udder, well balanced, good quality, quarters evenly filled; teats, well placed; handling, good; secretions of skin, very good; general appearance, shows great dairy tendency; height, shoulders 51 inches, hips 54.5; length, body 52, rump 17; width, hips 18, thurl 17; girth, 68; weight, 1,075; examiner, H. L. Cockerill; examined June 4, 1904.

Official Butter Record: Dropped calf March 28, 1904, at 2 y. 3 m. of age; commenced record May 25, 1904; closed record June 1; 7 days' production 10.094 lbs. butter fat; milk 297.7 lbs.

Second Official Butter Record: Dropped calf February 18, 1905, at 3 y. 1 m. 20 d. of age; commenced record March 23, 1905; closed record March 30; 7 days' production 12.553 lbs. butter fat; milk 384.3 lbs.

Attested by H. L. Cockerill, and J. P. Bonzelet, Wisconsin Agricultural Experiment Station.

### JOHANNA RUE DE KOL 2811 A. R. O. 58549.

✓ JOHANNA RUE DE KOL 2811 A. R. O. In 3 y. 13 d., 14.426 lbs. fat.	{	Sir Johanna De Kol 262 A. R.	{	Sir Johanna 23446.
				Johanna De Kol 2d 1447 A. R. O. In 4 y. 10 m. 11 d., 19.229 lbs. fat.
		Wit Johanna Rue 51222.		Johanna Rue 2d's Paul De Kol 187 A. R. Linda Wit 1675 A. R. O. In 10 y. 1 m. 20 d., 15.116 lbs. fat.

Owned by A. L. Williams, Fond du Lac, Wis.

[Entry of additional records. For previous records see Vol. XIV, page 235.]

Second Official Butter Record: Dropped calf May 12, 1904, at 3 y. 13 d. of age; commenced record May 26, 1904; closed record June 2; 7 days' production 14.426 lbs. butter fat; milk 436.6 lbs.

Attested by H. L. Cockerill, Wisconsin Agricultural Experiment Station.

### NO. 3612. LUCY WATSON 63566.

✓ LUCY WATSON 3612 A. R. O. In 2 y. 2 m. 22 d., 9.766 lbs. fat.	{	Chief Piebe Oak Duchess 318 A. R.	{	Piebe De Kol Burke 165 A. R. Lady Oak 2d 1684 A. R. O. In 7 y. 2 m. 11 d., 17.189 lbs. fat.
		✓ Ollie Watson 5th 1708 A. R. O. In 3 y. 10 m., 13.271 lbs. fat.		Lottie Lass' Butter King 167 A. R. Ollie Watson 28140.

Owned by A. L. Williams, Fond du Lac, Wis. Bred by E. E. Randall, Watertown, Wis. Calved February 20, 1902.

Description: Age, 2 y. 3 m. 13 d.; triple wedge shape form; head, clean cut, broad dishing forehead; neck, clean cut; chine, slightly arching, open vertebrae; loin, broad; hips, nearly level; rump, very low; escutcheon, medium size; mammary veins, prominent; udder, good quality, right forequarter not filled; teats, good size, one not developed; handling, good; secretions of skin, good; general appearance, shows good dairy quality; height, shoulders 51 inches; hips 52; length, body 57, rump 16; width, hips 19, thurl 17; girth, 69.5; weight, 1,100 lbs.; examiner, H. L. Cockerill; examined June 3, 1904.

Official Butter Record: Dropped calf May 12, 1904, at 2 y. 2 m. 22 d. of age; commenced record May 25, 1904; closed record June 1; 7 days' production 9.766 lbs. butter fat; milk 272.3 lbs.

Attested by H. L. Cockerill, Wisconsin Agricultural Experiment Station.

### MAGGIE OF WILD ROSE 2D 1486 A. R. O. 44974.

MAGGIE OF WILD ROSE 2d 1486 A. R. O. In 6 y. 11 m. 29 d., 14.912 lbs. fat.	{	Wartena Netherland Prince 128 A. R.	{	Iron Ajax 2662
				Wartena's Netherland 34195.
Maggie of Wild Rose 37831.	{		{	Aaltje Salo 2d's Carl 19484.
				Maud Gault 19529.

Owned by A. L. Williams, Fond du Lac, Wis.

[Entry of additional records. For previous records see Vol. X, page 55, Vol. XIV, page 234.]

Third Official Butter Record: Dropped calf April 29, 1904, at 6 y. 11 m. 29 d. of age; commenced record May 26, 1904; closed record June 2; 7 days' production 14.912 lbs. butter fat; milk 460.6 lbs.

Attested by H. L. Cockerill, Wisconsin Agricultural Experiment Station.

### NO. 3613. JESSIE GRIEPE 4TH 59078.

JESSIE GRIEPE 4th 3613 A. R. O. In 3 y. 3 d., 11.709 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
				Pearl of the Dairy 13271.
Jessie Griep 1707 A. R. O. In 4 y. 10 m. 26 d., 12.972 lbs. fat.	{		{	Netherland Marshall 142 A. R.
				Fannie Douglas 2d's Rose 40126.

Owned by A. L. Williams, Fond du Lac, Wis. Bred by E. E. Randall, Hustisford, Wis. Calved March 25, 1901.

Description: Age, 3 y. 2 m. 9 d.; triple wedge shape form; head, clean cut; neck, clean cut, refined; chine, well filled in; loin and hips, broad, strong, wide; rump, straight; escutcheon, narrow, extending well up; mammary veins, quite prominent; udder, well balanced, a trifle fleshy, quarters evenly filled; teats, well placed; handling, excellent; secretions of skin, good; general appearance, good dairy tendency; height, shoulders 53 inches, hips 54.5; length, body 57, rump 18; width, hips 19, thurl 18; girth, 71.5; weight, 1,075 lbs.; examiner, H. L. Cockerill; examined June 4, 1904.



Official Butter Record: Dropped calf March 28, 1904, at 3 y. 3 d. of age; commenced record May 25, 1904; closed record June 1; 7 days' production 11.709 lbs. butter fat; milk 351.1 lbs.

Attested by H. L. Cockerill, Wisconsin Agricultural Experiment Station.

#### DE KOL MECHTHILDE 2835 A. R. O. 52494.

DE KOL MECHTHILDE 2835 A. R. O. In 4 y. 10 m. 1 d., 16.418 lbs. fat.	{	De Kol Count 23363.	{	De Kol 2d's Butter Boy 129 A. R.
			{	Pictertje Kekke 1143 A. R. O. In 2 y. 6 m. 1 d. 9.953 lbs. fat.
	{	Mercedes Athenia Jewel 2581 A. R. O. In 7 y. 11 m. 26 d., 16.905 lbs. fat.	{	Sir Abbekerk Mechthilde 246 A. R.
			{	Athenia Mercedes 25939.

Owned by T. S. Tompkins, White Bear Lake, Minn.

[Entry of additional records. For previous records see Vol. XIV, page 252.]

Second Official Butter Record: Dropped calf April 29, 1904, at 4 y. 10 m. 1 d. of age; commenced record May 15, 1904; closed record May 21; 7 days' production 16.418 lbs. butter fat; milk 557.8 lbs.

Attested by E. F. Haecker, Minnesota Agricultural Experiment Station.

#### NO. 3614. DUCHESS BRYONIA 62673.

DUCHESS BRYONIA 3614 A. R. O. In 2 y. 7 m. 5 d., 8.647 lbs. fat.	{	Prince Bryonia Madrigal 235 A. R.	{	Hugh Rhoda Madrigal 22075.
			{	Bryonia Albia 1215 A. R. O. In 8 y. 3 m. 20 d., 18.685 lbs. fat.
	{	Lady Duchess Mechthilde 56842.	{	May Overton Mechthilde 24671.
			{	Lady Duchess Netherland 40569.

Owned by T. S. Tompkins, White Bear Lake, Minn. Bred by Nick Grimm, Clemansville, Wis. Calved September 26, 1901.

Official Butter Record: Dropped calf May 1, 1904, at 2 y. 7 m. 5 d. of age; commenced record May 16, 1904; closed record May 23; 7 days' production 8.647 lbs. butter fat; milk 299.4 lbs.

Attested by E. F. Haecker, Minnesota Agricultural Experiment Station.

#### NO. 3615. MARTHA FLETCHER 57007.

MARTHA FLETCHER 3615 A. R. O. In 4 y. 3 m. 12 d., 14.142 lbs. fat.	{	Sir Josephine of Aaggie 25414.	{	Second Sir Josephine Mechthilde 24478.
			{	Lady Anna's Aaggie 1115.
	{	Artis Carisa Lady 2d 3568 A. R. O. In 10 y. 7 m. 21 d., 12.881 lbs. fat.	{	Duke of Obispo 6810.
			{	Artis Carisa Lady 16892.

Owned and bred by R. M. Hotaling, San Francisco, Cal. Calved, January 6, 1901.

Official Butter Record: Dropped calf May 6, 1904, at 3 y. 4 m. of age; commenced record May 25, 1904; closed record May 31; 7 days' production 12.689 lbs. butter fat; milk 384.7 lbs.

Attested by N. J. Feibush, California Agricultural Experiment Station.

Second Official Butter Record: Dropped calf April 18, 1905, at 4 y. 3 m. 12 d. of age; commenced record May 1, 1905; closed record May 7; 7 days' production 14.142 lbs. butter fat; milk 482.3 lbs.

Attested by Abe Neuman, California Agricultural Experiment Station.

#### NO. 3616. EMPEROR VOLENA 2D 52588.

EMPEROR VOLENA 2d  
3616 A. R. O. In 4 y. 5  
m. 3 d., 12.222 lbs. fat.

McKinley Paul 316 A. R.

{ Neta Paul's Son 22125.  
Neta Paul 5522 H.

Emperor Volena 1611 A. R.  
O. In 5 y. 11 d., 12.016  
lbs. fat.

{ Shadeland Boon's Emperor  
18711.  
Shadeland Volena 29564.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by George West, Syracuse, N. Y. Calved November 26, 1899.

Official Butter Record: Dropped calf April 29, 1904, at 4 y. 5 m. 3 d. of age; commenced record May 6, 1904; closed record May 12; 7 days' production 12.222 lbs. butter fat; milk 340.6 lbs.

Attested by N. J. Feibush, California Agricultural Experiment Station.

#### NO. 3617. PAULINE CLIFDEN 60176.

PAULINE CLIFDEN 3617  
A. R. O. In 3 y. 2 m. 10  
d., 11.789 lbs. fat.

Paul De Kol 3d's America  
303 A. R.

{ Paul De Kol 3d 126 A. R.  
America 2d's Pauline De Kol  
1227 A. R. O. In 3 y. 5  
m. 15 d., 15.903 lbs. fat.

Clifden Veritas 28614.

{ Lord Clifden's Jim 11284.  
Louisa Veritas 97384.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by John Legler & Son, Juda, Wis. Calved February 27, 1901.

Official Butter Record: Dropped calf May 7, 1904, at 3 y. 2 m. 10 d. of age; commenced record May 13, 1904; closed record May 19; 7 days' production 11.789 lbs. butter fat; milk 368.9 lbs.

Attested by N. J. Feibush, California Agricultural Experiment Station.

**CARREN WASE DE KOL 2831 A. R. O. 49450.**

CARREN WASE DE KOL 2831 A. R. O. In 6 y. 1 m. 18 d., 20.132 lbs. fat.	{	De Kol 2d's Alban 114 A. R.	{	Netherland Alban 34 A. R.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Carren Wase 3249.		Klaas 15 A. R.
			{	Sjut 6586 H.

Owned by R. M. Hotaling, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XIV, page 250.]

Second Official Butter Record: Dropped calf May 9, 1904, at 6 y. 1 m. 18 d. of age; commenced record May 24, 5 p. m., 1904; closed record May 31, 11 a. m.; 7 days' production 20.132 lbs. butter fat; milk 584.2 lbs.

Attested by N. J. Feibush, California Agricultural Experiment Station.

**BUSACKER DE KOL 2837 A. R. O. 54729.**

✓ BUSACKER DE KOL, 2837 A. R. O. In 3 y. 4 m. 21 d., 12.896 lbs. fat.	{	Gem Pietertje Hengerveld Paul De Kol 155 A. R.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
			{	Maplecroft Gem 1351 A. R. O. In 5 y. 5 m. 11 d., 16.079 lbs. fat.
		Busacker 2280 A. R. O. In 4 y. 10 m. 19 d., 12.721 lbs. fat.		Aagje Beck Tom 20568.
			{	Akkrummer 5th's Princess 34140.

Owned by R. M. Hotaling, San Francisco, Cal.

[Entry of additional records. For description and previous records see Vol. XIV, page 253.]

Second Official Butter Record: Dropped calf May 16, 1904, at 3 y. 4 m. 21 d. of age; commenced record May 22, 1904; closed record May 28; 7 days' production 12.896 lbs. butter fat; milk 347.3 lbs.

Attested by N. J. Feibush, California Agricultural Experiment Station.

**NO. 3618. JULIA HENGERVELD'S BEST 43263.**

JULIA HENGERVELD'S BEST 3618 A. R. O. In 8 y. 4 m. 2 d., 16.341 lbs. fat.	{	Beauty of the Overton Farm 19496.	{	Jesse's Netherland 10823.
			{	Mary's Charm 520 A. R. P. In 4 y. 11 m. 7 d., 16 lbs. 6 oz. butter by churn.
		Julia Hengerveld 20674.		Baron of Rutland 4526.
			{	Aaltji Hengerveld 7th's Julia 11177.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by F. C. Overton, Belleville, N. Y. Calved, January 14, 1896.

Official Butter Record: Dropped calf May 16, 1904, at 8 y. 4 m. 2 d. of age; commenced record May 25, 1904; closed record May 31; 7 days' production 16.341 lbs. butter fat; milk 544.4 lbs.

Attested by N. J. Feibush, California Agricultural Experiment Station.

### NO. 3619. DAISY PIETERTJE HARTOG 53326.

DAISY PIETERTJE HARTOG 3619 A. R. O. In 4 y. 3 m. 1 d., 11.070 lbs. fat.	Prince Kuperus Pietertje Hartog 25871.	{ Gold Gem Pietertje 21229. Lena Pietertje R. 32312.
	Kate Pietertje H. 35163.	{ Pietertje Hartog 137 A. R. Kate H. 5393.

Owned by A. A. Hartshorn, Hamilton, N. Y. Bred by O. R. Cole, Solsville, N. Y.  
Calved September 23, 1899.

Official Butter Record: Dropped calf December 24, 1903, at 4 y. 3 m. 1 d. of age; commenced record May 17, 11.30 a. m., 1904; closed record May 24, 5.30 a. m.; 7 days' production 11.070 lbs. butter fat; milk 322.7 lbs.

Attested by H. S. Williams, Cornell University Agricultural Experiment Station.

### MARY R. PIETERTJE 3538 A. R. O. 49308.

MARY R. PIETERTJE 3538 A. R. O. In 5 y. 6 m. 10 d., 82.771 lbs. fat 30 d.	Gold Boy Pietertje 358 A. R.	{ Gold Gem Pietertje 21229. Kate H. 5393.
	Rosa Pietertje 35167.	{ Pietertje Hartog 137 A. R. Lucy Rosamond 20501.

Owned by A. A. Hartshorn, Hamilton, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 416.]

Official Butter Record: Thirty consecutive days. Dropped calf April 12, 1904, at 5 y. 6 m. 10 d. of age; commenced record April 24, 1904; closed record May 23; 30 days' production 82.771 lbs. butter fat; milk 2,584.9 lbs.

Attested by H. S. Williams, Cornell University Agricultural Experiment Station.



**NO. 3620. LUCINDA CLOTHILDE P. 53325.**

LUCINDA CLOTHILDE P.  
3620 A. R. O. In 4 y. 2  
m. 3 d., 62.187 lbs. fat  
30 d.

{ Isabelle Clothilde 2d's Prince  
24958.

{ Koningen Sir Rolland 21559.  
Isabelle Clothilde 2d 39621.

{ Lucinda P. 44803.

{ Gold Coin Pietertje 19920.  
Lucetta Pietertje 40093.

Owned by A. A. Hartshorn, Hamilton, N. Y. Bred by O. R. Cole, Solsville, N. Y.  
Calved January 28, 1900.

Official Butter Record: Dropped calf April 1, 1904, at 4 y. 2 m. 3 d. of age;  
commenced record May 6, 11.30 a. m., 1904; closed record May 13, 5.30 a. m.;  
7 days' production 15.262 lbs. butter fat; milk 474.5 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 1, 1904,  
at 4 y. 2 m. 3 d. of age; commenced record April 24, 11 a. m., 1904; closed record  
May 24, 5 a. m.; 30 days' production 62.187 lbs. butter fat; milk 1,958.1 lbs.

Attested by H. S. Williams, Cornell University Agricultural Experiment  
Station.

**NO. 3621. PRINCESS CLOTHILDE PIETERTJE 61744.**

PRINCESS CLOTHILDE  
PIETERTJE 3621 A. R.  
O. In 2 y. 5 m. 24 d.,  
10.852 lbs. fat.

{ Lebanon Pietertje Prince  
314 A. R.

{ Inka Princess Pietertje  
Pledge 140 A. R.  
Lillian Walker 2667 A. R. O.  
In 7 y. 6 m. 6 d., 71.615  
lbs. fat 30 d.

{ Carlotta Clothilde 40675.

{ Pasha Clothilde 20513.  
Sir Clothilde's Carlotta  
34567.

Owned and bred by H. W. Hartshorn, Randallsville, N. Y. Calved October 18,  
1901.

Official Butter Record: Dropped calf April 12, 1904, at 2 y. 5 m. 24 d. of age;  
commenced record April 25, 1904; closed record May 1; 7 days' production 10.852  
lbs. butter fat; milk 371.7 lbs.

Attested by H. S. Williams, Cornell University Agricultural Experiment  
Station.

**NO. 3622. DAISY WIT BARBETTA 64175.**

DAISY WIT BARBETTA  
3622 A. R. O. In 2 y. 16  
d., 8.173 lbs. fat.

{ Prince Daisy Wit 26402.

{ Planet Jr. 23949.  
Daisy Wit Fritzie 44133.

{ Aaggie Barbetta 3108 A. R.  
O. In 8 y. 7 m. 23 d.,  
65.028 lbs. fat 30 d.

{ Barbetta's Colanthus 331  
A. R.  
Sadie Aaggie 1921 A. R. O.  
In 9 y. 5 m. 17 d., 12.858  
lbs. fat.

Owned by A. C. Demerit & Son, Lake Mills, Wis. Bred by James W. Mullen, Watertown, Wis. Calved April 24, 1902.

Description: Age, 2 y. 1 m. 12 d.; milk form; head, good length; neck, good length, clean cut; chine, single, level; loin and hips, rather narrow, a little weak; rump, slopes off quite badly; escutcheon, very narrow; mammary veins, small; udder, fair size, good quality, quarters well balanced; teats, well placed; handling, hard; secretions of skin, lacking in quality; general appearance, weak; height, shoulders 52.5 inches, hips 55; length, body 55, rump 19; width, hips 19.25, thurl 18.75; girth, 70; weight, 800; examiner, Bryant R. Ryall; examined June 6, 1904.

Official Butter Record: Dropped calf May 10, 1904, at 2 y. 16 d. of age; commenced record June 3, 1904; closed record June 9; 7 days' production 8.173 lbs. butter fat; milk 246 lbs.

Attested by Bryant R. Ryall, Wisconsin Agricultural Experiment Station.

#### NO. 3623. DALINDA ELBAJE 56313.

DALINDA ELBAJE 3623 A.  
R. O. In 3 y. 6 m. 13 d.,  
10.660 lbs. fat.

{	Torchlight 2d's Duke 26463.	{ Peter Mc G. 22792.
		{ Torchlight 2d 6457.
{	Netherland Elbaje 29861.	{ Aaggie Juliet's Netherland 9130.
		{ Elbaje 1917 A. R. O. In 11 y. 11 m. 11 d., 12.744 lbs. fat.

Owned and bred by A. C. Demerit & Son, Lake Mills, Wis. Calved November 7, 1900.

Description: Age, 3 y. 6 m. 29 d.; milk and beef form; head, good length, muzzle strong; neck, long, slim; chine, single, straight; hips, a little uneven; loin, good width, strong; rump, slopes off a little; escutcheon, narrow; mammary veins, small; udder, small, fair quality, quarters well balanced; teats, uneven, hind ones close; handling, good; secretions of skin, fairly abundant; general appearance, strong constitution; height, shoulders 53.5 inches, hips 55; length, body 57.25, rump 17.5; width, hips 21, thurl 20; girth, 76; weight, 1,125 lbs.; examiner, Bryant R. Ryall; examined June 6, 1904.

Official Butter Record: Dropped calf May 20, 1904, at 3 y. 6 m. 13-d. of age; commenced record June 3, 1904; closed record June 9; 7 days' production 10.660 lbs. butter fat; milk 293.1 lbs.

Attested by Bryant R. Ryall, Wisconsin Agricultural Experiment Station.

**NO. 3624. PONTIAC POLYXO 61108.**

PONTIAC POLYXO 3624 A. R. O. In 2 y. 3 m. 19 d., 11.949 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
	{	Pontiac Ceres 2126 A. R. O. In 6 y. 1 m. 24 d., 15.783 lbs. fat.	{ Sir Inka Artis Mechthilde 191 A. R.
			{ Freerkje Brace 2217 A. R. O. In 8 y. 2 m. 29 d., 14.693 lbs. fat.

Owned by E. H. Dollar, Heuvelton, N. Y. Bred by Eastern Michigan Asylum,  
Pontiac, Mich. Calved January 7, 1902.

Official Butter Record: Dropped calf April 26, 1904, at 2 y. 3 m. 19 d. of  
age; commenced record May 5, 5 p. m., 1904; closed record May 12, 11 a. m.;  
7 days' production 11.949 lbs. butter fat; milk 286 lbs.

Attested by W. D. Wheelock, Cornell University Agricultural Experiment  
Station.

**NO. 3625. FRENSTA HENGERVELD DE KOL 60550.**

FRENSTA HENGER- VELD DE KOL 3625 A. R. O. In 2 y. 4 m. 27 d., 12.970 lbs. fat.	{	Pieterkje Hengerveld's Count De Kol 135 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Pieterkje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
	{	Cora Frensta 41332.	{ Lady of Lyons' Prince 18025.
			{ Frensta 4th 1252 A. R. O. In 2 y. 11 m. 11 d., 10.339 lbs. fat.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Esther A. Horr, Wellington,  
O. Calved December 9, 1901.

Official Butter Record: Dropped calf May 6, 1904, at 2 y. 4 m. 27 d. of age;  
commenced record May 18, 8.30 p. m., 1904; closed record May 25, 12.30 p. m.;  
7 days' production 12.970 lbs. butter fat; milk 335.8 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment  
Station.

**NO. 3626. RIJANETA MERCEDES CLOTHILDE 60695.**

RIJANETA MERCEDES CLOTHILDE 3626 A. R. O. In 2 y. 3 m. 5., 8.970 lbs. fat.	{	Netherland Clothilde Aaggie 315 A. R.	{ Pasha Clothilde 20513.
			{ Aaggie's Second Daughter 900 A. R. P. In 2 y. 25 d., 15 lbs. 1 oz. butter by churn.
	{	Mercedes Rijneta Mech- thilde 2764 A. R. O. In 5 y. 2 m. 18 d., 16.792 lbs. fat.	{ Prince Daisy Mechthilde 244 A. R.
			{ Jenne Dowager 46023.

Owned by W. Judson Smith, Syracuse, N. Y. Bred by J. R. Elliott, Woodward, Ia. Calved January 17, 1902.

Official Butter Record: Dropped calf April 22, 1904, at 2 y. 3 m. 5 d. of age; commenced record May 16, 1904; closed record May 22; 7 days' production 8.970 lbs. butter fat; milk 264.9 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

### DE KOL WITKOP WAYNE 2D 2875 A. R. O. 58709.

DE KOL WITKOP WAYNE 2d 2875 A. R. O. In 3 y. 15 d., 17.337 lbs. fat.	{	Witkop Duke 26443.	{	Zur Lady's Pietertje Duke 206 A. R.
			{	Zur 2d's Netherland Witkop 35354.
		De Kol Witkop Wayne 1961 A. R. O. In 5 y. 11 m. 17 d., 30.967 lbs. fat 14 d.	{	De Kol Prince of Wayne 23578. Manor De Kol Witkop 46600.

Owned by W. H. Grenell, Pierrepont Manor, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 25.]

Second Official Butter Record: Dropped calf April 27, 1904, at 3 y. 15 d. of age; commenced record May 20, 1904; closed record May 26; 7 days' production 17.337 lbs. butter fat; milk 390.7 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

### CORAL DE KOL BELLE 2873 A. R. O. 58713.

CORAL DE KOL BELL 2873 A. R. O. In 3 y. 1 m. 2 d., 11.934 lbs. fat.	{	Witkop Duke 26443.	{	Zur Lady's Pietertje Duke 206 A. R.
			{	Zur 2d's Netherland Witkop 35354.
		Coral De Kol's Pet 2435 A. R. O. In 5 y. 10 m. 18 d., 16.272 lbs. fat.	{	Zur Lady's Pietertje Duke 206 A. R. Coral De Kol 36150.

Owned by W. H. Grenell, Pierrepont Manor, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 24.]

Second Official Butter Record: Dropped calf May 3, 1904, at 3 y. 1 m. 2 d. of age; commenced record May 18, 1904; closed record May 24; 7 days' production 11.934 lbs. butter fat; milk 252.9 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.



**NO. 3627. NINON PIETERTJE PET 50980.**

NINON PIETERTJE PET 3627 A. R. O. In 5 y. 25 d., 15.971 lbs. fat.	Zur Lady's Pietertje Duke 206 A. R.	Inka's Pietertje Duke 141 A. R.
	Beauty of Ninon's Empress Pet 29135.	Zur Lady 24581.  Clink 3481 H. Beauty of Ninon 4541 H.

Owned by W. H. Grenell, Pierrepont Manor, N. Y. Bred by W. E. Matteson,  
Pierrepont Manor, N. Y. Calved April 4, 1899.

Official Butter Record: Dropped calf April 29, 1904, at 5 y. 25 d. of age;  
commenced record May 15, 1904; closed record May 21; 7 days' production 15.971  
lbs. butter fat; milk 374.4 lbs.

Attested by George H. West, Cornell University Agricultural Experiment  
Station.

**NO. 3628. KEKKE 3D'S LENA 52679.**

KEKKE 3d's LENA 3628 A. R. O. In 4 y. 1 m. 16 d., 12.946 lbs. fat.	De Kol 2d's Butter Boy 2d 304 A. R.	Empress Josephine 3d's Sir Mechthilde 20255.
	Kekke 3d 521 A. R. P. In 4 y. 10 m. 30 d., 17 lbs. butter by churn.	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.  Burg Hartog 3 M. R. Kekke 74 M. R.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by H. A. Medlong,  
Oswego, N. Y. Calved March 2, 1900.

Official Butter Record: Dropped calf April 18, 1904, at 4 y. 1 m. 16 d. of  
age; commenced record May 25, 11 p. m., 1904; closed record June 1, 5 p. m.;  
7 days' production 12.946 lbs. butter fat; milk 409.7 lbs.

Attested by A. D. Senn, Cornell University Agricultural Experiment Station.

**DUTCHLAND BELLE 2957 A. R. O. 58715.**

DUTCHLAND BELLE 2957 A. R. O. In 2 y. 9 m. 9 d., 12.406 lbs. fat.	De Kol 2d's Butter Boy 3d 147 A. R.	Manor De Kol 130 A. R.
	Jesse 2d's Pietertje 37071.	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.  Aaggie Leila's Inka's Pietertje 15181. Jesse 2d 1445.

Owned by Henry Stevens & Son, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 82.]

Second Official Butter Record: Dropped calf May 6, 1904, at 2 y. 9 m. 9 d. of age; commenced record May 24, 11 p. m., 1904; closed record May 31, 5 p. m.; 7 days' production 12.406 lbs. butter fat; milk 381.0 lbs.

Attested by A. D. Senn, Cornell University Agricultural Experiment Station.

### NO. 3629. PRINCESS LEO DUCHESS 3D 64776.

PRINCESS LEO DUCHESS  
3d 3629 A. R. O. In 1 y.  
11 m. 12 d., 9.594 lbs. fat.

{	Aaggie Boon 2d 28211.	{ Aaggie Boon 22868.
		{ Princess Leo Duchess 38087.
{	Princess Leo Duchess 38087.	{ Cuza's Pietertje Prince 289 A. R.
		{ Princess Leo 7740.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by William Dann, Lamons, N. Y. Calved May 12, 1902.

Official Butter Record: Dropped calf April 24, 1904, at 1 y. 11 m. 12 d. of age; commenced record May 31, 11 a. m., 1904; closed record June 7, 5 a. m.; 7 days' production 9.594 lbs. butter fat; milk 304.5 lbs.

Attested by A. D. Senn, Cornell University Agricultural Experiment Station.

### NO. 3630. DULCE AAGGIE INKA 44168.

DULCE AAGGIE INKA  
3630 A. R. O. In 6 y. 6  
m. 23 d., 26.437 lbs. fat.

{	Inka 6th's Sir Pietertje Beets 171 A. R.	{ Lord Pietertje Beets 1646.
		{ Inka 6th 868 A. R. P. In 2 y. 10 d., 12,697½ lbs. milk 10 m.
{	Dulce Aaggie 29397.	{ Aaggie 3d's Champion 11136.
		{ Dulce 1534 D. F.

Owned by McKay Brothers, Buckingham, Ia. Bred by B. McKay & Sons, Traer, Ia. Calved April 21, 1897.

Official Butter Record: Dropped calf November 14, 1903, at 6 y. 6 m. 23 d. of age; commenced record May 10, 1904; closed record May 16; 7 days' production 13.896 lbs. butter fat; milk 391.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf November 14, 1903, at 6 y. 6 m. 23 d. of age; commenced record May 8, 1904; closed record May 21; 14 days' production 26.437 lbs. butter fat; milk 761.7 lbs.

Attested by F. H. Bothell, Iowa Agricultural Experiment Station.

**NO. 3631. THILDA GERBEN MECHTHILDE 2D 59099.**

THILDA GERBEN MECH- THILDE 2d 3631 A. R. O. In 2 y. 11 m. 26 d., 22.351 lbs. fat 14 d.	{ Sir Mercedes Abbekerk Mechthilde 294 A. R.	{ Sir Abbekerk Mechthilde 246 A. R. { Athenia Mercedes 25939.
	{ Thilda Gerben Mechthilde 2010 A. R. O. In 2 y. 11 m. 19 d., 9.560 lbs. fat.	{ Gerben Mechthilde Sir Josephine 170 A. R. { Thilda Wayne 37874.

Owned and bred by McKay Brothers, Buckingham, Ia. Calved April 9, 1901.

Official Butter Record: Dropped calf April 5, 1904, at 2 y. 11 m. 26 d. of age; commenced record May 9, 1904; closed record May 15; 7 days' production 11.307 lbs. butter fat; milk 359.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf April 5, 1904, at 2 y. 11 m. 26 d. of age; commenced record May 8, 1904; closed record May 21; 14 days' production 22.351 lbs. butter fat; milk 731.1 lbs.

Attested by F. H. Bothell, Iowa Agricultural Experiment Station.

**NO. 3632. COIN KING BESS 65540.**

COIN KING BESS 3632 A. R. O. In 2 y. 7 m. 17 d., 11.380 lbs. fat.	{ Coin King 24787.	{ Thornton King 23215. { Alletta Coin 38787.
	{ Bess 2d 28444.	{ Sangerfield 4003. { Bess 8934 H.

Owned by G. W. Little, Sherburne, N. Y. Bred by G. W. Allen, Sangerfield, N. Y. Calved October 8, 1901.

Official Butter Record: Dropped calf May 25, 1904, at 2 y. 7 m. 17 d. of age; commenced record May 31, 11 a. m., 1904; closed record June 7, 5 a. m.; 7 days' production 11.380 lbs. butter fat; milk 296 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**DE KOL 2D'S PAUL DE KOL'S CARLOTTA 2522 A. R. O. 51577.**

DE KOL 2d's PAUL DE KOL'S CARLOTTA 2522 A. R. O. In 4 y. 1 m. 18 d., 12.292 lbs. fat.	{ De Kol 2d's Paul De Kol 107 A. R.	{ Paul De Kol 97 A. R. { De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{ Carlotta Royal Pietertje 1782 A. R. O. In 5 y. 21 d., 15.516 lbs. fat.	{ Perfection's Royal Pietertje Netherland 247 A. R. { Carlotta E. 24350.

Owned by G. W. Little, Sherburne, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 74.]

Second Official Butter Record: Dropped calf May 1, 1904, at 4 y. 1 m. 18 d. of age; commenced record May 31, 11 a. m., 1904; closed record June 7, 5 a. m.; 7 days' production 12,292 lbs. butter fat; milk 404.7 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

### A. & G. MANOR DE KOL CLOTHILDE LASS 3462 A. R. O. 59554.

A. & G. MANOR DE KOL CLOTHILDE LASS 3462 A. R. O. In 3 y. 3 m. 10 d., 9,993 lbs. fat.	{	A. & G. Butter King 153 A. R.	{	Mutual Friend 8d's Paul 148 A. R.
				Pietertje Hengerveld's Lady De Kol 2d 1452 A. R. O. In 3 y. 9 m., 12,919 lbs. fat.
	{	Manor De Kol's Clothilde Lass 1582 A. R. O. In 4 y. 26 d., 15,453 lbs. fat.	{	Manor De Kol 130 A. R.
				Clothilde Artis Lass 1156 A. R. O. In 1 y. 11 m. 28 d., 9,062 lbs. fat.

Owned by G. W. Little, Sherburne, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 377.]

Second Official Butter Record: Dropped calf March 28, 1904, at 2 y. 3 m. 28 d. of age; commenced record May 31, 11 a. m., 1904; closed record June 7, 5 a. m.; 7 days' production 7,738 lbs. butter fat; milk 271.8 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

Third Official Butter Record: Dropped calf March 10, 1905, at 3 y. 3 m. 10 d. of age; commenced record April 9, 2.10 p. m., 1905; closed record April 16, 6.10 a. m.; 7 days' production 9,993 lbs. butter-fat; milk 322 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

### NO. 3633. PAULINE DE KOL QUEEN 69909.

PAULINE DE KOL QUEEN 3633 A. R. O. In 3 y. 2 m. 15 d., 10,603 lbs. fat.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
				Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20,245 lbs. fat.
	{	Pauline Wayne De Kol Ondit 69599.	{	Aaggie Wayne 4th's Paul De Kol 20928.
				Milly Ondit Netherland 53419.

Owned by G. W. Little, Sherburne, N. Y. Bred by E. C. Brill, Poughquag, N. Y.  
Calved January 18, 1902.

Official Butter Record: Dropped calf March 23, 1904, at 2 y. 2 m. 5 d. of age; commenced record May 31, 11 a. m., 1904; closed record June 7, 5 a. m.; 7 days' production 8,118 lbs. butter fat; milk 202 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.



Second Official Butter Record: Dropped calf April 3, 1905, at 3 y. 2 m. 15 d. of age; commenced record April 9, 10.10 p. m., 1905; closed record April 16, 2.10 p. m.; 7 days' production 10.603 lbs. butter fat; milk 277.4 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

### LADY IRENE OF WOODLAWN 2164 A. R. O. 43163.

LADY IRENE OF WOD- LAWN 2164 A. R. O. In 6 y. 11 m. 29 d., 28.632 lbs. fat 14 d.	{	Sir Inka Mechthilde 185	{	Tirania's Sir Mechthilde
		A. R.		16469.
	{	Aaggie Irene Hibbard 32848.	{	Pietertje Inka Darkness
				24463.
				Blocky Scott 16630.
				Aaggie Irene 2d 5948.

Owned by E. H. Dollar, Heuvelton, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 124, Vol. XV, page 418.]

Official Butter Record: Fourteen Consecutive days. Dropped calf March 27, 1904, at 6 y. 11 m. 29 d. of age; commenced record April 17, 11 a. m., 1904; closed record May 1, 5 a. m.; 14 days' production 28.632 lbs. butter fat; milk 948.6 lbs.

Attested by H. Mason Knox and W. D. Wheelock, Cornell University Agricultural Experiment Station.

### NO. 3634. MAUD OF KENT 3D 65915.

MAUD OF KENT 3d 3634 A. R. O. In 8 y. 10 m. 14 d., 12.445 lbs. fat.	{	Aaggie 6th's Royal 16724.	{	Royal Aaggie 3 A. R.
				Aaggie 6th 185 A. R. P. In 2 y. 4 m. 6 d., 9 lbs. 14.5 oz. butter by churn.
	{	Maud of Kent 27900.	{	Gelske's Tritomia Prince 7486.
				Anna Jelsum 4135 H.

Owned by P. D. Ede, Oxford Center, Ont. Bred by J. and Francis Pirie, Putnam, Ont. Calved April 17, 1895.

Official Butter Record: Dropped calf March 1, 1904, at 8 y. 10 m. 14 d. of age; commenced record June 2, 1 p. m., 1904; closed record June 10, 5 a. m.; 7 days' production 12.445 lbs. butter fat; milk 414.1 lbs.

Attested by Frank H. Prittie, Ontario Agricultural Experiment Station.

**NO. 3635. RUBY MAY RACHEL 59689.**

RUBY MAY RACHEL 3635 A. R. O. In 2 y. 7 m. 16 d., 12.386 lbs. fat.	{	Jewel Hamilton 26303.	{ Major Hamilton 21652.
			{ Midland Jewel 38948.
	{	May Flower Rachel 27984.	{ Sir Duke Aaggie 15352.
			{ La Polka's May Flower 10437 H.

Owned by C. F. Hunt, Manlius, N. Y. Bred by Freeborn Brothers, New Woodstock, N. Y. Calved September 25, 1901.

Official Butter Record: Dropped calf May 11, 1904, at 2 y. 7 m. 16 d. of age; commenced record May 29, 1904; closed record June 4; 7 days' production 12.386 lbs. butter fat; milk 358.2 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 3636. DOUWE PIETER 69951.**

DOUWE PIETER 3636 A. R. O. In 2 y. 8 d., 9.601 lbs. fat.	{	Pieter IV 2710 F. H. B.
	{	Douwe VIII 10286 F. H. B.

Owned by C. F. Hunt, Manlius, N. Y. Bred by N. K. Kuperus, St. Jacobi Parochie, Friesland. Calved March 7, 1902.

Official Butter Record: Dropped calf March 15, 1904, at 2 y. 8 d. of age; commenced record May 29, 1904; closed record June 4; 7 days' production 9.601 lbs. butter fat; milk 316 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 3637. TJITSKE VRIESDE 69954.**

TJITSKE VRIESDE 3637 A. R. O. In 2 y. 28 d., 9.041 lbs. fat.	{	De Vries 1059 Aux. F. H. B.
	{	Tjitsche 10th 10204 F. H. B.

Owned by C. F. Hunt, Manlius, N. Y. Bred by A. F. v. d. Meulen, Marssum, Friesland. Calved March 18, 1902.

Official Butter Record: Dropped calf April 16, 1904, at 2 y. 28 d. of age; commenced record May 29, 1904; closed record June 4; 7 days' production 9.041 lbs. butter fat; milk 302.6 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 3638. RENSKE BOSCH 69946.**

RENSKE BOSCH 3638 A. R. O. In 2 y. 27 d., 8.806 lbs. fat.	{	Bosch 2611 F. H. B.
		Melkbron 9908 F. H. B.

Owned by C. F. Hunt, Manlius, N. Y. Bred by S. J. Rienks, St. Jacobi Parochie, Friesland. Calved February 4, 1902.

Official Butter Record: Dropped calf March 1, 1904, at 2 y. 27 d. of age; commenced record May 29, 1904; closed record June 4; 7 days' production 8.806 lbs. butter fat; milk 295.7 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 3639. MAMIE EKSTER 54177.**

MAMIE EKSTER 3639 A. R. O. In 4 y. 1 m. 11 d., 12.346 lbs. fat.	{	Jewel Hamilton 26303.	{	Major Hamilton 21652.
				Midland Jewel 38948.
			Hazel Ekster 54176.	{
		Alma Ekster 54178.		

Owned by C. F. Hunt, Manlius, N. Y. Bred by Freeborn Brothers, New Woodstock, N. Y. Calved March 18, 1900.

Official Butter Record: Dropped calf April 29, 1904, at 4 y. 1 m. 11 d. of age; commenced record May 29, 1904; closed record June 4; 7 days' production 12.346 lbs. butter fat; milk 372.6 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 3640. DORA PIETERTJE HENGERVELD DE KOL 53946.**

DORA PIETERTJE HENGERVELD DE KOL 3640 A. R. O. In 4 y. 4 m. 23 d., 11.677 lbs. fat.	{	Korndyke Queen's Sir De Kol 301 A. R.	{	Manor De Kol 130 A. R.
				Korndyke Queen 1271 A. R. O. In 4 y. 1 m. 9 d., 16.558 lbs. fat.
			Dora Dean's Pietertje 42738.	{
		Dora Dean 2925 H.		

Owned by C. F. Hunt, Manlius, N. Y. Bred by B. F. Wright, North Ridge, N. Y.  
Calved December 10, 1899.

Official Butter Record: Dropped calf May 3, 1904, at 4 y. 4 m. 23 d. of age;  
commenced record May 30, 1904; closed record June 6; 7 days' production 11.677  
lbs. butter fat; milk 388.9 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment  
Station.

# **NO. 3641. CARLOTTA E. KONINGEN 58478.**

CARLOTTA E. KONINGEN  
3641 A. R. O. In 3 y. 2  
m. 9 d., 12.504 lbs. fat.

Sir Henry Koningen 24680.

{ Koningen Sir Rolland 21559.  
Amarilla's Koningen 1531 A.  
R. O. In 10 y. 7 m. 12 d.,  
13.160 lbs. fat.

Carlotta E. 24350.

{ Kornelis V. 8822.  
Carlotta 164 A. R. P. In 7  
y. 9 m. 22 5-64 lbs. butter  
by churn.

Owned by Charles Hunt, Delphi, N. Y. Bred by S. R. Fuggle, Delphi, N. Y.  
Calved, January 22, 1901.

Official Butter Record: Dropped calf April 1, 1904, at 3 y. 2 m. 9 d. of age;  
commenced record May 29, 1904; closed record June 4; 7 days' production 12.504  
lbs. butter fat; milk 368.9 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment  
Station.

# **NO. 3642. PIETERTJE INKA HIJLAARD 60627.**

PIETERTJE INKA HIJ-  
LAARD 3642 A. R. O. In  
2 y. 1 m. 27 d., 10.195 lbs.  
fat.

Hijlaard Hamilton 27744.

{ Jewel Hamilton 26303.  
Inka Hijlaard 1982 A. R. O.  
In 4 y. 25 d., 11.870 lbs.  
fat.

May Belle Pietertje Barber  
60352.

{ Ben Barber 23705.  
May Belle Pietertje 40106.

Owned by Charles Hunt, Delphi, N. Y. Bred by Sherman & Hughes, Webster  
Station, N. Y. Calved February 7, 1902.

Official Butter Record: Dropped calf April 4, 1904, at 2 y. 1 m. 27 d. of age;  
commenced record May 29, 1904; closed record June 4; 7 days' production 10.195  
lbs. butter fat; milk 337.6 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment  
Station.



**NO. 3643 LADY AMERICA WAYNE PAUL DE KOL 43738.**

LADY AMERICA WAYNE PAUL DE KOL 3643 A. R. O. In 6 y. 2 m. 25 d., 14.161 lbs. fat.	{	America 2d's Wayne Paul De Kol 149 A. R.	{ Paul De Kol 97 A. R.
			{ America 2d 960 A. R. P. In 3 y. 4 m. 15 d., 13 lbs. 12 oz. butter by churn.
	{	Lotty Moselle's Pietertje 33159.	{ Pietertje Hartog 137 A. R. Lotty Moselle 20494.

Owned by John Legler & Son, Juda, Wis. Bred by A. F. Cole, Morrisville Station, N. Y. Calved January 20, 1898.

Official Butter Record: Dropped calf April 15, 1904, at 6 y. 2 m. 25 d. of age; commenced record May 18, 1904; closed record May 24, 1904; 7 days' production 14.161 lbs. butter fat; milk 485.6 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

**NO. 3644. VIRGINNE PIETERTJE 2D 49968.**

VIRGINNE PIETERTJE 2d 3644 A. R. O. In 4 y. 11 m. 21 d., 13.002 lbs. fat.	{	Admiral Kurtze 24108.	{ Jeddo 17479.
			{ Delaware Castine 26324.
	{	Virginne Pietertje 1528 A. R. O. In 5 y. 3 m. 27 d., 12.082 lbs. fat.	{ Sir Pietertje Dowager 19081. De Vries 2d's Best 22276.

Owned by J. Legler & Son, Juda, Wis. Bred by W. H. La Grange & Son, Franklin, Ind. Calved April 27, 1899.

Official Butter Record: Dropped calf April 18, 1904, at 4 y. 11 m. 21 d. of age; commenced record May 12, 1904; closed record May 19; 7 days' production 13.002 lbs. butter fat; milk 465.9 lbs.

Attested by James A. Ford and Roy T. Harris, Wisconsin Agricultural Experiment Station.

**NO. 3645. SADIE VALE TIRANIA 64598.**

SADIE VALE TIRANIA 3645 A. R. O. In 1 y. 11 m. 7 d., 7.472 lbs. fat.	{	Paul De Kol 3d's America 303 A. R.	{ Paul De Kol 3d 126 A. R.
			{ America 2d's Pauline De Kol 1227 A. R. O. In 3 y. 5 m. 15 d., 15.903 lbs. fat.
	{	Mercedes Mechthilde Tirania 58922.	{ Mechthilde Sir Tirania 24637. Valencia Mercedes 52173.

Owned and bred by John Legler & Son, Juda, Wis. Calved May 4, 1902.

Official Butter Record: Dropped calf April 11, 1904, at 1 y. 11 m. 7 d. of age; commenced record May 8, 1904; closed record May 15; 7 days' production 7.472 lbs. butter fat; milk 263.0 lbs.

Attested by James A. Ford and Roy T. Harris, Wisconsin Agricultural Experiment Station.

**NO. 3646. AAGGIE SADIE VALE CONCORDIA 64596.**

AAGGIE SADIE VALE CONCORDIA 3646 A. R. O. In 1 y. 10 m. 26 d., 7.625 lbs. fat.	{	Paul De Kol 3d's America 303 A. R.	{	Paul De Kol 3d 126 A. R.
		Brookside Aaggie Netherland 54816.		America 2d's Pauline De Kol 1227 A. R. O. In 3 y. 5 m. 15 d., 15.903 lbs. fat.
			{	Prince Parthena Colantha 23368.
			{	Netherland Countess of Flanders 40196.

Owned and bred by John Legler & Son, Juda, Wis. Calved May 16, 1902.

Official Butter Record: Dropped calf April 12, 1904, at 1 y. 10 m. 26 d. of age; commenced record May 10, 1904; closed record May 16; 7 days' production 7.625 lbs. butter fat; milk 225.8 lbs.

Attested by James A. Ford and Roy T. Harris, Wisconsin Agricultural Experiment Station.

**AAGGIE GRACE 2D'S PIETERTJE 2D 3497 A. R. O. 54495.**

AAGGIE GRACE 2d's PIE- TERTJE 2d 3497 A. R. O. In 3 y. 5 m. 10 d., 108.124 lbs. fat 42 d.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{	Manor De Kol 130 A. R.
		Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3d., 21.261 lbs. fat.
			{	Inka Princess' Pietertje Netherland 95 A. R.
			{	Aaggie Grace 2d 280 A. R. P. In 1 y. 11 m. 14 d., 397 5-8 lbs. milk 10 d.

Owned by Henry Stevens & Son, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 398.]

Second Official Butter Record: Dropped calf April 13, 1904, at 3 y. 5 m. 10 d. of age; commenced record June 1, 1904; closed record June 8; 7 days' production 19.461 lbs. butter fat; milk 573.2 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 13, 1904, at 3 y. 5 m. 10 d. of age; commenced record May 10, 1904; closed record June 9; 30 days' production 78.269 lbs. butter fat; milk 2,362.8 lbs.

Official Butter Record: Forty-two consecutive days. Dropped calf April 13, 1904, at 3 y. 5 m. 10 d. of age; commenced record April 28, 1904; closed record June 8; 42 days' production 108.124 lbs. butter fat; milk 3,177.3 lbs.

Attested by A. D. Senn, Cornell University Agricultural Experiment Station.

**NO. 3647. VIOLA DE KOL MECHTHILDE 64527.**

VIOLA DE KOL MECHTHILDE 3647 A. R. O. In 2 y. 3 d., 33.734 lbs. fat 21 d.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
		Viola Pauline Mechthilde 61618.	{	Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
			{	Jewel Netherland Mechthilde 231 A. R.
			{	Viola Pauline 51876.

Owned by Stevens Brothers, Lacona, N. Y. Bred by E. C. Brill, Poughquag, N. Y. Calved April 21, 1902.

Official Butter Record: Dropped calf April 24, 1904, at 2 y. 3 d. of age; commenced record May 17, 1904; closed record May 24; 7 days' production 11.809 lbs. butter fat; milk 313 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf April 24, 1904, at 2 y. 3 d. of age; commenced record May 3, 1904; closed record May 24; 21 days' production 33.734 lbs. butter fat; milk 923.2 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**WINANA DE KOL OF RIVERSIDE 2450 A. R. O. 54683.**

WINANA DE KOL OF RIVERSIDE 2450 A. R. O. In 3 y. 10 m. 21 d., 22.720 lbs. fat 14 d.	{	Paul Beets De Kol 113 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
		Winana's Pietertje Netherland 1301 A. R. O. In 3 y. 11 m. 29 d., 12.154 lbs. fat.	{	Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
			{	Inka Princess' Pietertje Netherland 95 A. R.
			{	Winana 444 A. R. P. In 5 y. 24 d., 17 lbs. 14 oz. butter by churn.

Owned by Stevens Brothers, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 38.]

Second Official Butter Record: Dropped calf March 4, 1904, at 3 y. 10 m. 21 d. of age; commenced record June 4, 1904; closed record June 11; 7 days' production 11.506 lbs. butter fat; milk 375.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 4, 1904, at 3 y. 10 m. 21 d. of age; commenced record May 28, 1904; closed record June 11; 14 days' production 22.720 lbs. butter fat; milk 734.5 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**QUEEN SIGNET KONINGIN DE KOL 2941 A. R. O. 63094.**

<b>QUEEN SIGNET KONINGIN DE KOL 2941 A. R. O.</b> In 2 y. 8 m. 11 d., 11.064 lbs. fat.	{	Lord Netherland De Kol 245 A. R.	{         Netherland De Kol's Perfection 223 A. R. Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
		Queen Signet Koningin 2d 62272.	{         Jewel Netherland Mechthilde 231 A. R. Queen Signet Koningin 59135.

Owned by Stevens Brothers, Lacona, N. Y.

[Entry of additional records. For previous records see Vol XV, page 74.]

Second Official Butter Record: Dropped calf April 20, 1904, at 2 y. 8 m. 11 d. of age; commenced record May 17, 1904; closed record May 24; 7 days' production 11.064 lbs. butter fat; milk 331.7 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**PAULINE DE KOL PET 2945 A. R. O. 59263.**

<b>PAULINE DE KOL PET</b> 2945 A. R. O. In 3-y. 15 d., 11.826 lbs. fat.	{	Pauline Paul 2d's Count's De Kol 26974.	{         Pauline Paul 2d's Count 190 A. R. Jolie 4th's Pauline De Kol 2649 A. R. O. In 6 y. 3 m. 5 d., 15.473 lbs. fat.
		De Kol Paul Clothilde 51581.	{         De Kol 2d's Paul De Kol King 23237. Clothilde Netherland Ladoga 42911.

Owned by Stevens Brothers, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 76.]

Second Official Butter Record: Dropped calf April 26, 1904, at 3 y. 15 d. of age; commenced record May 13, 1904; closed record May 20; 7 days' production 11.826 lbs. butter fat; milk 337.1 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**MANOR KEKKE ANNEKE 2397 A. R. O. 54743.**

<b>MANOR KEKKE ANNEKE</b> 2397 A. R. O. In 4 y. 1 m. 27 d., 23.435 lbs. fat 14 d.	{	Major Wood 25027.	{         Judge Akkrum De Kol 172 A. R. Kekke Maid 2d 28603.
		Manor Kekke Josephine 47324.	{         Manor Josephine De Kol 204 A. R. Manor Kekke 14057.



Owned by Stevens Brothers, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 260.]

Second Official Butter Record: Dropped calf May 18, 1904, at 4 y. 1 m. 27 d. of age; commenced record May 31, 1904; closed record June 7; 7 days' production 11.869 lbs. butter fat; milk 312.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf May 18, 1904, at 4 y. 1 m. 27 d. of age; commenced record May 24, 1904; closed record June 7; 14 days' production 23.435 lbs. butter fat; milk 611 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

### AAGGIE BEAUTY PIETERTJE DE KOL 2919 A. R. O. 63093.

AAGGIE BEAUTY PIETERTJE DE KOL 2919 A. R. O. In 3 y. 4 d., 24.336 lbs. fat 14 d.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
				Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
		Aaggie Beauty Pietertje Netherland 59757.	{	Lord Pietertje Koningin Keyes 17709.
				Aaggie Topsy Netherland 55264.

Owned by Stevens Brothers, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 62.]

Second Official Butter Record: Dropped calf April 18, 1904, at 3 y. 4 d. of age; commenced record May 13, 1904; closed record May 19; 7 days' production 12.558 lbs. butter fat; milk 313.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf April 18, 1904, at 3 y. 4 d. of age; commenced record May 6, 1904; closed record May 19; 14 days' production 24.336 lbs. butter fat; milk 618.8 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

### JESSIE VEEMAN DIONE 2784 A. R. O. 56506.

JESSIE VEEMAN DIONE 2784 A. R. O. In 3 y. 3 d., 23.774 lbs. fat 14 d.	{	Hero De Kol Dione 23755.	{	Hero De Kol 274 A. R.
				Shadeland Dione 21707.
		Jessie Veeman A. 2472 A. R. O. In 3 y. 7 m. 3 d., 20.999 lbs. fat.	{	Pietertje Paul 18458.
				Jessie Veeman 9606.

Owned by Stevens Brothers, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 218.]

Second Official Butter Record: Dropped calf April 10, 1904, at 3 y. 3 d. of age; commenced record May 5, 1904; closed record May 12; 7 days' production 11.989 lbs. butter fat; milk 434.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf April 10, 1904, at 3 y. 3 d. of age; commenced record April 28, 1904; closed record May 5; 14 days' production 23,774 lbs. butter fat; milk 870.1 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

# **NO. 3648. PONTIAC DIONE 61106.**

PONTIAC DIONE 3648 A. R. O. In 2 y. 3 m. 24 d., 20.910 lbs. fat 14 d.	{	Hengerveld De Kol 136 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
		Pontiac Juno 2122 A. R. O. In 4 y. 9 m. 29 d., 12.923 lbs. fat.	{ Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
			{ Sir Inka Artis Mechthilde 191 A. R.
			{ Lady Themis 41981.

Owned by Stevens Brothers, Lacona, N. Y. Bred by Eastern Michigan Asylum; Pontiac, Mich. Calved December 30, 1901.

Official Butter Record: Dropped calf April 24, 1904, at 2 y. 3 m. 24 d. of age; commenced record May 17, 1904; closed record May 23, 1904; 7 days' production 10,735 lbs. butter fat; milk 366.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf April 24, 1904, at 2 y. 3 m. 24 d. of age; commenced record May 12, 1904; closed record May 25; 14 days' production 20,910 lbs. butter fat; milk 718 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

# **NO. 3649. MADRIGAL 7TH'S PAULINE DE KOL 60626.**

MADRIGAL 7th's PAUL- INE DE KOL 3649 A. R. O. In 2 y. 16 d., 12.054 lbs. fat.	{	Sir Count Paul De Kol Mercedes 26235.	{ Garcia Artis Count Paul 21722.
		Madrigal 7th 43901.	{ Mercedes' Mahomet's Elgee 26209.
			{ Roy Mercedes 11961.
			{ Madrigal 1920 H.

Owned by McKay Brothers, Buckingham, Ia. Bred by Ezra Blumer, Farmers Grove, Wis. Calved April 10, 1902.

Official Butter Record: Dropped calf April 26, 1904, at 2 y. 16 d. of age; commenced record May 8, 1904; closed record May 14; 7 days' production 12,054 lbs. butter fat; milk 368.1 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 26, 1904, at 2 y. 16 d. of age; commenced record May 8, 1904; closed record June 11; 30 days' production 48,430 lbs. butter fat; milk 1,542.8 lbs.

Attested by F. H. Bothell and Samuel O. Puderbaugh, Iowa Agricultural Experiment Station.

**NO. 3650. INKA HENGERVELD DE KOL TRITOMIA 58732.**

INKA HENGERVELD DE KOL TRITOMIA 3650 A. R. O. In 2 y. 5 m. 18 d., 19.311 lbs. fat 14 d.	{	Netherland Hengerveld's Lord De Kol 23396.	{	De Kol 2d's Butter Boy 129 A. R.
				Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.
		Inka Tritomia 3048 A. R. O. In 9 y. 10 d., 13.500 lbs. fat.		Alexander Tritomia 15270.
				Inka 6th's Queen Pietertje 17791.

Owned by McKay Brothers, Buckingham, Ia. Bred by W. P. Bissell, Oneida, Ia.  
Calved October 15, 1901.

Official Butter Record: Dropped calf April 3, 1904, at 2 y. 5 m. 18 d. of age;  
commenced record May 8, 1904; closed record May 14; 7 days' production 9.800  
lbs. butter fat; milk 292.8 lbs.

Second Official Butter Record: Dropped calf April 3, 1904, at 2 y. 5 m. 18 d.  
of age; commenced record May 10, 1904; closed record May 16; 7 days' produc-  
tion 10.066 lbs. butter fat; milk 301.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf April 3,  
1904, at 2 y. 5 m. 18 d. of age; commenced record May 8, 1904; closed record May  
21; 14 days' production 19.311 lbs. butter fat; milk 591.1 lbs.

Attested by F. H. Bothell, Iowa Agricultural Experiment Station.

**GENESEO ABBEKERK 2905 A. R. O. 56441.**

GENESEO ABBEKERK 2905 A. R. O. In 3 y. 4 m. 17 d., 23.054 lbs. fat 14 d.	{	Sir Mercedes Abbeckerk Mechthilde 294 A. R.	{	Sir Abbeckerk Mechthilde 246 A. R.
				Athenia Mercedes 16098.
		Mindon 50181.		Inka 6th's Sir Pietertje Beets 171 A. R.
				Thilda's Aaggie Wayne 33590.

Owned by McKay Brothers, Buckingham, Ia.

[Entry of additional records. For previous records see Vol. XV, page 48.]

Third Official Butter Record: Dropped calf March 15, 1904, at 3 y. 4 m. 17  
d. of age; commenced record May 8, 1904; closed record May 14; 7 days' pro-  
duction 11.195 lbs. butter fat; milk 333.1 lbs.

Fourth Official Butter Record: Dropped calf March 15, 1904, at 3 y. 4 m. 17  
d. of age; commenced record May 16, 1904; closed record May 22; 7 days' pro-  
duction 11.807 lbs. butter fat; milk 381.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 15, 1904, at 3 y. 4 m. 17 d. of age; commenced record May 15, 1904; closed record May 28; 14 days' production 23.054 lbs. butter fat; milk 749.1 lbs.

Attested by F. H. Bothell and Samuel O. Puderbaugh, Iowa Agricultural Experiment Station.

### NO. 3651. GENESEO BEAUTY 63601.

GENESEO BEAUTY 3651 A. R. O. In 2 y. 1 m. 24 d., 59.471 lbs. fat 35 d.	{	Leda Inka Sir Gerben Mechthilde 28777.	{	Gerben Mechthilde Sir Josephine 170 A. R.
				Leda Inka 56830.
	{	Nutula 2d 2023 A. R. O. In 10 y. 6 m. 22 d., 31.910 lbs. fat 14 d.	{	Kearns 12553.
				Nutula 1211.

Owned and bred by McKay Brothers, Buckingham, Ia. Calved February 28, 1902.

Official Butter Record: Dropped calf April 22, 1904, at 2 y. 1 m. 24 d. of age; commenced record May 8, 1904; closed record May 14; 7 days' production 12.244 lbs. butter fat; milk 404.1 lbs.

Attested by F. H. Bothell, Iowa Agricultural Experiment Station.

Second Official Butter Record: Dropped calf April 22, 1904, at 2 y. 1 m. 24 d. of age; commenced record May 11, 1904; closed record May 17; 7 days' production 12.629 lbs. butter fat; milk 415.5 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 22, 1904, at 2 y. 1 m. 24 d. of age; commenced record May 8, 1904; closed record June 6; 30 days' production 51.410 lbs. butter fat; milk 1,772.5 lbs.

Official Butter Record: Thirty-five consecutive days. Dropped calf April 22, 1904, at 2 y. 1 m. 24 d. of age; commenced record May 8, 1904; closed record June 11; 35 days' production 59.471 lbs. butter fat; milk 2,061.2 lbs.

Attested by Samuel O. Puderbaugh, Iowa Agricultural Experiment Station.

### SMALL HOPES DE KOL 2157 A. R. O. 44292.

SMALL HOPES DE KOL 2157 A. R. O. In 7 y. 5 m. 5 d., 20.184 lbs. fat.	{	Paul Beets De Kol 113 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
	{	Small Hopes Aaggie 2d 1501 A. R. O. In 6 y. 11 m. 14 d., 14.461 lbs. fat.	{	Inka Princess' Pietertje Netherland 95 A. R.
				Small Hopes Aaggie 18771.

Owned by H. A. Moyer, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 120, Vol. XIV, page 270.]



Third Official Butter Record: Dropped calf May 9, 1904, at 7 y. 5 m. 5 d. of age; commenced record May 20, 1904; closed record May 27; 7 days' production 20.184 lbs. butter fat; milk 528.8 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

### SILVER GLOSS 6TH'S DE KOL 2042 A. R. O. 52137.

SILVER GLOSS 6th's DE KOL, 2402 A. R. O. In 5 y. 7 d., 18.182 lbs. fat.	{	Kekke Akkrum De Kol 25067.	{	Judge Akkrum De Kol 172 A. R. Kekke Maid 14989.
		Silver Gloss 6th 35342.		Shadeland Hiro 15695. Silver Gloss 5372 H. H. B.

Owned by H. A. Moyer, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 59, Vol. XIV, page 268.]

Third Official Butter Record: Dropped calf May 8, 1904, at 5 y. 7 d. of age; commenced record May 17, 1904; closed record May 24; 7 days' production 18.182 lbs. butter fat; milk 514.5 lbs.

Attested by G. M. Wilcox and Mark B. Bacon, Cornell University Agricultural Experiment Station.

### WINANA DE KOL KORNDYKE 2899 A. R. O. 59447.

WINANA DE KOL KORNDYKE 2899 A. R. O. In 2 y. 11 m. 20 d., 57.970 lbs. fat 30 d.	{	Korndyke Queen De Kol's Prince 255 A. R.	{	Lorraine Prince 23109. Korndyke Queen De Kol 1549 A. R. O. In 6 y. 7 m. 19 d., 349.636 lbs. fat 182½ d.
		Winana Pietertje De Kol 1981 A. R. O. In 4 y. 9 m. 29 d., 82.783 lbs. fat 30 d.		Pietertje Alban De Kol 173 A. R. Winana Beets De Kol 1524 A. R. O. In 6 y. 2 m. 4 d., 16.566 lbs. fat.

Owned by E. H. Dollar, Heuvelton, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 45, Vol. XV, page 418.]

Official Butter Record: Fourteen consecutive days. Dropped calf April 4, 1904, at 2 y. 11 m. 20 d. of age; commenced record April 24, 1904; closed record May 7; 14 days' production 29.213 lbs. butter fat; milk 823.2 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 4, 1904, at 2 y. 11 m. 20 d. of age; commenced record April 16, 1904; closed record May 16; 30 days' production 57,970 lbs. butter fat; milk 1,612.8 lbs.

Attested by William D. Wheelock, Cornell University Agricultural Experiment Station.

### PONTIAC CLOTHILDE 3541 A. R. O. 56982.

PONTIAC CLOTHILDE 3541 A. R. O. In 3 y. 6 m. 5 d., 34,524 lbs. fat 14 d.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Anna Clothilde 5th 1627 A. R. P. In 2 y. 3 m. 21 d., 7,912 lbs. milk 10 m.		Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12,605 lbs. fat.
			{	Pauline Paul's De Kol 180 A. R.
				Anna Clothilde 25384.

Owned by E. H. Dollar, Heuvelton, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 417.]

Second Official Butter Record: Dropped calf April 4, 1904, at 2 y. 7 m. 11 d. of age; commenced record May 10, 1904; closed record May 17; 7 days' production 16,796 lbs. butter fat; milk 438.8 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf April 4, 1904, at 2 y. 7 m. 11 d. of age; commenced record April 26, 1904; closed record May 17; 21 days' production 46,013 lbs. butter fat; milk 1,279.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 4, 1904, at 2 y. 7 m. 11 d. of age; commenced record April 17, 1904; closed record May 17; 30 days' production 62,470 lbs. fat; milk 1,730 lbs.

Attested by H. Mason Knox and William D. Wheelock, Cornell University Agricultural Experiment Station.

Third Official Butter Record: Dropped calf February 28, 1905, at 3 y. 6 m. 5 d. of age; commenced record March 8, 11 p. m., 1905; closed record March 15, 5 p. m.; 7 days' production 17,945 lbs. butter fat; milk 433.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 28, 1905, at 3 y. 6 m. 5 d. of age; commenced record March 6, 1905; closed record March 19; 14 days' production 34,524 lbs. butter fat; milk 861.1 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

### NO. 3652. BURTON GIRL 2D 70230.

BURTON GIRL, 2d 3652 A. R. O. In 1 y. 10 m. 8 d., 7,363 lbs. fat.	{	Clarion Velthuis 31072.	{	Prince Violet Hartog 21725.
		Burton Girl 5000.		Mary Velthuis 20960.
			{	Alexis 1158 H.
				Nina May 3633 H.

Owned by Dan Dimock, East Claridon, O. Bred by Estate of Luther Russell, Burton, O. Calved May 15, 1902.

Official Butter Record: Dropped calf March 23, 1904, at 1 y. 10 m. 8 d. of age; commenced record April 10, 1904; closed record April 16; 7 days' production 7.363 lbs. butter fat; milk 234.7 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

# **NO. 3653. NETHERLAND CRONY CORNELIA 63318.**

NETHERLAND CRONY CORNELIA 3653 A. R. O. In 2 y. 23 d., 8.176 lbs. fat.	{	Calamity Jane's Paul's De Kol 27631.	{	Calamity Jane's Paul 146 A. R. Homestead Cornelia De Kol 43897.
		Netherland Crony 60588.	{	Monk Lyons 3d 25238. Netherland Gerster 2d 43787.

Owned and bred by W. S. Schell, Woodstock, Ont. Calved March 2, 1902.

Official Butter Record: Dropped calf March 25, 1904, at 2 y. 23 d. of age; commenced record June 18, 1904; closed record June 24; 7 days' production 8.176 lbs. butter fat; milk 302.8 lbs.

Attested by Frank H. Prittie, Ontario Agricultural College Experiment Station.

# **NO. 3654. AALTJE POSCH DUCHESS 70962.**

AALTJE POSCH DUCH- ESS 3654 A. R. O. In 4 y. 1 m. 26 d., 12.186 lbs. fat.	{	John Alden of Plymouth 34955.	{	Colanthus Abbekerk 15596. Aaltje Posch 4th 1427 A. R. O. In 10 y. 10 m. 1 d., 19.091 lbs. fat.
		Duchess of Brookbank 1745 A. R. O. In 6 y. 11 m. 8 d., 13.887 lbs. fat.	{	Althea Promoter's Netherland 11189. Duchess of Norwich 32801.

Owned by Walter S. Schell, Woodstock, Ont. Bred by Charles Hulet, Norwich, Ont. Calved March 16, 1900.

Official Butter Record: Dropped calf May 12, 1904, at 4 y. 1 m. 26 d. of age; commenced record June 18, 1904; closed record June 24; 7 days' production 12.186 lbs. butter fat; milk 406.8 lbs.

Attested by Frank H. Prittie, Ontario Agricultural College Experiment Station.

**NO. 3655. BESSIE COVERT 3D'S PANSY 2D 52520.**

BESSIE COVERT 3d's PANSY 2d 3655 A. R. O. In 4 y. 3 m. 27 d., 12.070 lbs. fat.	Sir Jewel Jantje Mechthilde 212 A. R.	Sir Abbekerk Mechthilde 246 A. R. Niva Jantje 25940.
	Bessie Covert 3d's Pansy 48731.	Canary's Mercedes Royal Climax 200 A. R. Bessie Covert 3d 46985.

Owned by Walter S. Schell, Woodstock, Ont. Bred by Harvey S. Day, Willis, Mich. Calved November 8, 1899.

Official Butter Record: Dropped calf March 5, 1904, at 4 y. 3 m. 27 d. of age; commenced record June 12, 1904; closed record June 18; 7 days' production 12.070 lbs. butter fat; milk 413 lbs.

Attested by Frank H. Prittie, Ontario Agricultural College Experiment Station.

**NO. 3656. GERSTER CALAMITY 70771.**

GERSTER CALAMITY 3656 A. R. O. In 3 y. 1 m. 3 d., 26.444 lbs. fat 14 d.	Count Calamity Clay 26157.	Eunice Clay's Sir Henry 222 A. R. Yu-No 1670 A. R. O. In 6 y. 6 m. 13 d., 15.554 lbs. fat.
	Netherland Gerster 2d 43787.	Pauline Paul's Grandson's Clothilde 279 A. R. Netherland Gerster 36868.

Owned and bred by Walter S. Schell, Woodstock, Ont. Calved March 31, 1901.

Official Butter Record: Dropped calf May 4, 1904, at 3 y. 1 m. 3 d. of age; commenced record June 11, 1904; closed record June 17; 7 days' production 13.265 lbs. butter fat; milk 411.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf May 4, 1904, at 3 y. 1 m. 3 d. of age; commenced record June 11, 1904; closed record June 29; 14 days' production 26.444 lbs. fat; milk 800.9.

Attested by Frank H. Prittie, Ontario Agricultural College Experiment Station.

**NO. 3657. GENTLE 2D 70963.**

GENTLE 2d 3657 A. R. O. In 5 y. 8 m. 7 d., 13.330 lbs. fat.	Nierop Netherland 2d 23442.	Nierop Netherland 19198. Ravenwood 3d 24540.
	Gentle 1853.	Pieter 209 N. H. B. Marie 3935 N. H. B.



Owned by Walter S. Schell, Woodstock, Ont. Bred by J. W. Lee, Simcoe, Ont.  
Calved July 24, 1898.

Official Butter Record: Dropped calf April 1, 1904, at 5 y. 8 m. 7 d. of age;  
commenced record June 11, 1904; closed record June 17; 7 days' production 13.330  
lbs. butter fat; milk 393.6 lbs.

Attested by Frank H. Prittie, Ontario Agricultural College Experiment  
Station.

#### NO. 3658. BESSIE TALMANA 53527.

BESSIE TALMANA 3658 A. R. O. In 3 y. 10 m. 29 d., 11.823 lbs. fat.	{ Sir Akkrum Pietertje De Kol 338 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
		{ Lady Akkrum's Pietertje 30667.
	{ Talmana 32103.	{ Mr. Bowser 16909. Elsprite 2d 12719.

Owned by Walter S. Schell, Woodstock, Ont. Bred by M. J. McPherson, Howell,  
Mich. Calved May 5, 1900.

Official Butter Record: Dropped calf April 4, 1904, at 3 y. 10 m. 29 d. of  
age; commenced record June 12, 1904; closed record June 18; 7 days' production  
11.823 lbs. butter fat; milk 378.8 lbs.

Attested by Frank H. Prittie, Ontario Agricultural College Experiment  
Station.

#### NO. 3659. TWEEDE PERFECTION DE KOL 64551.

TWEEDE PERFECTION DE KOL 3659 A. R. O. In 1 y. 11 m. 8 d., 9.412 lbs. fat.	{ De Kol 2d's Paul De Kol O. 26973.	{ De Kol 2d's Paul De Kol 107 A. R.
		{ Mollie Olsen 22317.
	{ Tweede Perfection Pietertje 47894.	{ Perfection's Royal Pietertje Netherland 247 A. R. Leonia Tweede 4th 24354.

Owned and bred by D. J. Hinckley, South Brookfield, N. Y. Calved April 23,  
1902.

Official Butter Record: Dropped calf April 1, 1904, at 1 y. 11 m. 8 d. of age;  
commenced record June 1, 1904; closed record June 7; 7 days' production 9.412  
lbs. butter fat; milk 337.3 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment  
Station.

**NO. 3660. MYRETTA NETHERLAND DE KOL 60057.**

MYRETTA NETHERLAND DE KOL 3660 A. R. O. In 2 y. 5 m. 28 d., 8.127 lbs. fat.	{	De Kol 2d's Paul De Kol O. 26973.	{ De Kol 2d's Paul De Kol 107 A. R. Mollie Olsen 22317.
		Myretta Netherland Pietertje 47897.	{ Perfection's Royal Pietertje Netherland 247 A. R. Myretta 2d 28923.

Owned and bred by D. J. Hinckley, South Brookfield, N. Y. Calved May 8, 1901.

Official Butter Record: Dropped calf November 6, 1903, at 2 y. 5 m. 28 d. of age; commenced record June 1, 1904; closed record June 8; 7 days' production 8.127 lbs. butter fat; milk 302.8 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**CARLOTTA SONNETT 2953 A. R. O. 57943.**

CARLOTTA SONNETT 2953 A. R. O. In 3 y. 6 m. 27 d., 11.125 lbs. fat.	{	Chester of Granville Hill 25292.	{ The Duke of Chenango Valley 23176. Eleanor Daisy 40426.
		Carlotta E's Perfection 47890.	{ Perfection's Royal Pietertje Netherland 247 A. R. Carlotta E. 24350.

Owned by D. J. Hinckley, South Brookfield, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 80.]

Second Official Butter Record: Dropped calf April 20, 1904, at 3 y. 6 m. 27 d. of age; commenced record June 1, 1904; closed record June 7; 7 days' production 11.125 lbs. butter fat; milk 369.9 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**NO. 3661. CARLOTTA NETHERLAND PIETERTJE 47888.**

CARLOTTA NETHER- LAND PIETERTJE 3661 A. R. O. In 7 y. 10 m. 27 d., 12.401 lbs. fat.	{	Perfection's Royal Pietertje Netherland 247 A. R.	{ Inka's Pietertje Netherland 119 A. R. Perfection 1771 D. F.
		Carlotta A. 11040.	{ Mooie 7 A. R. Carlotta 164 A. R. P. In 7 y. 9 m., 22 5-64 lbs. butter by churn.

Owned by D. J. Hinckley, South Brookfield, N. Y. Bred by O. B. and D. J. Hinckley, Brookfield, N. Y. Calved May 10, 1896.

Official Butter Record: Dropped calf April 7, 1904, at 7 y. 10 m. 27 d. of age; commenced record June 1, 1904; closed record June 7; 7 days' production 12.401 lbs. butter fat; milk 446 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

### JESSIE FOBES 2D'S MAUD 2D 1514 A. R. O. 44123.

JESSIE FOBES 2d's MAUD 2d 1514 A. R. O. In 6 y. 11 m. 13 d., 19.479 lbs. fat.	{	Netherland Marshall 142 A. R.	{	Nierop's Netherland 8th 158 A. R.
		Jessie Fobes 2d's Maud 37841.	{	Belle of Marshall 3926.
				{
				Aaltje Salo 3d's Tritomia Netherland 121 A. R.
				Jessie Fobes 2d 28772.

Owned by W. H. Jones, Watertown, Wis.

[Entry of additional records. For previous records see Vol. X, page 67, Vol. XIII, page 94, Vol. XIV, page 174, Vol. XV, page 430.]

Sixth Official Butter Record: Dropped calf April 1, 1904, at 6 y. 11 m. 13 d. of age; commenced record June 11, 1904; closed record June 18; 7 days' production 16.163 lbs. butter fat; milk 514.6 lbs.

Attested by Llewellyn R. Davies, Wisconsin Agricultural Experiment Station.

### NO. 3662. GERTRUDE JESS DE KOL 58516.

✓ GERTRUDE JESS DE KOL 3662 A. R. O. In 3 y. 4 m. 5 d., 12.423 lbs. fat.	{	Piebe De Kol Burke 165 A. R.	{	De Kol Burke 162 A. R.
		Jess De Kol 1674 A. R. O. In 8 y. 3 m. 19 d., 12.229 lbs. fat.	{	Piebe Queen 2d 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.
				{
				Paul Johanna De Kol 184 A. R.
				Lottie Douglass 2d's Jess 21184.

Owned and bred by W. H. Jones, Watertown, Wis. Calved January 15, 1901.

Official Butter Record: Dropped calf May 20, 1904, at 3 y. 4 m. 5 d. of age; commenced record June 11, 1904; closed record June 17; 7 days' production 12.423 lbs. butter fat; milk 359 lbs.

Attested by Llewellyn R. Davies, Wisconsin Agricultural Experiment Station.

**NO. 3663. COUNTESS FELDSPAR 57904.**

COUNTESS FELDSPAR 3663 A. R. O. In 3 y. 19 d., 9.650 lbs. fat.	{	De Kol's Butter Boy 3d 147 A. R.	{ De Kol's Butter Boy 129 A. R. Oleana 2d 14907.
		Feldspar 40430.	{ Prince of Little Valley 14845. Sally 3d 15675.

Owned by H. L. Bronson, Cortland, N. Y. Bred by A. F. Swan, Napoli, N. Y.  
Calved February 22, 1901.

Official Butter Record: Dropped calf March 11, 1904, at 3 y. 19 d. of age;  
commenced record June 23, 1904; closed record June 30; 7 days' production 9.650  
lbs. butter fat; milk 302.9 lbs.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment  
Station.

**NO. 3664. MARTHA ELGIN BUTTER GIRL DE KOL 70783.**

MARTHA ELGIN BUTTER GIRL DE KOL 3664 A. R. O. In 3 y. 8 d., 11.847 lbs. fat.	{	Otter Creek Butter Boy De Kol 26063.	{ De Kol 2d's Butter Boy 3d 147 A. R. Sjiewwke Lass De Kol 44682.
		Martha Elgin 19418.	{ Jacobson 2580 H. Elgin Belle 2d 8292 H.

Owned by John Legler & Son, Juda, Wis. Bred by F. P. Cross, Durand, Ill.  
Calved April 28, 1901.

Official Butter Record: Dropped calf May 6, 1904, at 3 y. 8 d. of age;  
commenced record May 17, 1904; closed record May 23; 7 days' production  
11.847 lbs. butter fat; milk 392.8 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

**NO. 3665. PONTIAC PAULINE HESSELTJE 61109.**

PONTIAC PAULINE HES- SELTJE 3665 A. R. O. In 2 y. 3 m. 24 d., 9.718 lbs. fat.	{	Pontiac Pauline Paul 178 A. R.	{ Pauline Paul's De Kol 180 A. R. Bessie De Vries 3d 40945.
		Pontiac Summer Hesseltje 2880 A. R. O. In 4 y. 3 m. 5 d., 12.792 lbs. fat.	{ Hengerveld De Kol 136 A. R. Lady Hesseltje 1868 A. R. P. In 4 y. 6 m. 11 d., 12.957 lbs. milk 1 y.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved January  
24, 1902.



Official Butter Record: Dropped calf May 18, 1904, at 2 y. 3 m. 24 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 9.718 lbs. butter fat; milk 265 lbs.

Attested by F. B. Howard, Michigan Agricultural Experiment Station.

# **NO. 3666. PONTIAC AMBROSIA 61103.**

PONTIAC AMBROSIA 3666 A. R. O. In 3 y. 3 m. 4 d., 77.026 lbs. fat 30 d.	{	Hengerveld De Kol 136 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
		Pontiac Springtime 49655.	{ Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.  Butter Prince Dunham 22615. Tethys 43354.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by Eastern Michigan Asylum, Pontiac, Mich. Calved October 17, 1901.

Official Butter Record: Dropped calf March 26, 1904, at 2 y. 5 m. 9 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 9.590 lbs. butter fat; milk 242.5 lbs.

Attested by F. B. Howard, Michigan Agricultural Experiment Station.

Second Official Butter Record: Dropped calf January 21, 1905, at 3 y. 3 m. 4 d. of age; commenced record January 27, 10 p. m., 1905; closed record February 3, 4 p. m.; 7 days' production 19.972 lbs. butter fat; milk 524.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 21, 1905, at 3 y. 3 m. 4 d. of age; commenced record January 27, 10 a. m., 1905; closed record February 26, 4 a. m.; 30 days' production 77.026 lbs. butter fat; milk 2,176.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 21, 1905, at 3 y. 3 m. 4 d. of age; commenced record January 27, 10 p. m., 1905; closed record February 10, 4 p. m.; 14 days' production 39.124 lbs. butter fat; milk 1,055.3 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

# **NO. 3667. PONTIAC YKEMA 60620.**

PONTIAC YKEMA 3667 A. R. O. In 3 y. 2 m. 18 d., 13.365 lbs. fat.	{	Calamity Jane's Paul A. 353 A. R.	{ Calamity Jane's Paul 146 A. R.
		Lady Ykema De Kol 59736.	{ Pauline Fairmount 1408 A. R. O. In 2 y. 1 m., 8.316 lbs. fat.  Netherland De Kol Pietertje 267 A. R. Bessie Ykema 20295.

Owned by Eastern Michigan Asylum, Pontiac, Mich. Bred by Frank R. Crandal, Howell, Mich. Calved January 8, 1902.

Official Butter Record: Dropped calf April 28, 1904, at 2 y. 3 m. 20 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 7.794 lbs. butter fat; milk 188.5 lbs.

Second Official Butter Record: Dropped calf March 26, 1905, at 3 y. 2 m. 18 d. of age; commenced record April 1, 1905; closed record April 7; 7 days' production 13.365 lbs. butter fat; milk 317.7 lbs.

Attested by F. B. Howard and William C. Peck, Michigan Agricultural Experiment Station.

#### NO. 3668. PONTIAC LUNDE HENGERVELD 51585.

PONTIAC LUNDE HENGERVELD 3668 A. R. O. In 5 y. 4 d., 91.857 lbs. fat 30 d.	{	Hengerveld De Kol 136 A. R.	{ De Kol 2d's Butter Boy 129 A. R. Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
		Lunde Beauty 1155 A. R. O. In 1 y. 11 m. 17 d., 9.473 lbs. fat.	{ Prince of Ninety 15243. Lunde 3d's Perfection 27881.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved March 1, 1900.

Official Butter Record: Dropped calf April 15, 1904, at 4 y. 1 m. 14 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 12.330 lbs. butter fat; milk 326 lbs.

Attested by F. B. Howard, Michigan Agricultural Experiment Station.

#### LUNDE BEAUTY'S DE KOL 1630 A. R. O. 41866.

LUNDE BEAUTY'S DE KOL 1630 A. R. O. In 7 y. 4 m. 2 d., 12.988 lbs. fat.	{	Count Mechthilde De Kol 242 A. R.	{ Sir Abbekerk 19056. Netherland De Kol 1006 A. R. P. In 2 y. 5 m. 21 d., 82 15-32 lbs. butter by churn, 30 d.
		Inka 7th 13102.	{ Mooie Hartog 4th 418 D. F. H. B. Inka 514 A. R. P. In 12 y. 20 lbs. 2 oz. butter by churn.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For description and previous records see Vol. XI, page 55.]

Second Official Butter Record: Dropped calf April 17, 1904, at 7 y. 4 m. 2 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 12.988 lbs. butter fat; milk 346 lbs.

Attested by F. B. Howard, Michigan Agricultural Experiment Station.

**PONTIAC CLOTHILDE INKA 2125 A. R. O. 44452.**

PONTIAC CLOTHILDE INKA 2125 A. R. O. In 6 y. 2 m. 22 d., 14,349 lbs. fat.	{	Sir Inka Artis Mechthilde 191 A. R.	{	Yankee Anna Sir J. Echo Mechthilde 18924.
		Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10,024 lbs. fat.		Inka Darkness 2d's Artis 24636.
			{	Artis Adiantum's Clothilde 116 A. R.
				Rag Apple 437 A. R. P. In 2 y. 10 m. 8 d., 9,652¼ lbs. milk 10 m.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For description and previous records see Vol. XIII, page 104.]

Official Butter Record: Dropped calf May 16, 1904, at 6 y. 2 m. 22 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 14,349 lbs. butter fat; milk 385 lbs.

Attested by F. B. Howard, Michigan Agricultural Experiment Station.

**PONTIAC HARTOG MECHTHILDE 2063 A. R. O. 44456.**

PONTIAC HARTOG MECHTHILDE 2063 A. R. O. In 6 y. 3 m. 20 d., 12,677 lbs. fat.	{	Sir Inka Artis Mechthilde 191 A. R.	{	Yankee Anna Sir J. Mechthilde 18924.
		Netherland Pietertje Hartog 1181 A. R. O. In 4 y. 1 m. 14 d., 10,972 lbs. fat.		Inka Darkness 2d's Artis 24636.
			{	Milla's Pietertje Netherland 83 A. R.
				Bessie Hartog 10361.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XIII, page 70.]

Second Official Butter Record: Dropped calf April 28, 1904, at 6 y. 3 m. 20 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 12,677 lbs. butter fat; milk 354.5 lbs.

Attested by F. B. Howard, Michigan Agricultural Experiment Station.

**PONTIAC PIQUO 1871 A. R. O. 44851.**

PONTIAC PIQUO 1871 A. R. O. In 6 y. 2 m. 8 d., 12,498 lbs. fat.	{	Prince Netherland Norine 22616.	{	Butter Prince Netherland 18853.
		Piquo Lady 1873 A. R. P. In 8 y. 11 m. 7 d., 10,896 lbs. milk 10 m.		Norine 2d 24901.
			{	Piquo 2d 9918.
				Manzineta 720.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For description and previous records see Vol. XII, page 99.]

Official Butter Record: Dropped calf May 6, 1904, at 6 y. 2 m. 8 d. of age; commenced record June 13, 1904; closed record June 18; 7 days' production 12.498 lbs. butter fat; milk 387.5 lbs.

Attested by F. B. Howard, Michigan Agricultural Experiment Station.

### PONTIAC HESSELTJE MECHTHILDE 2124 A. R. O. 44458.

PONTIAC HESSELTJE MECHTHILDE 2124 A. R. O. In 6 y. 11 m. 9 d., 13.715 lbs. fat.	{	Sir Inka Artis Mechthilde 191 A. R.	{	Yankee Anna Sir J. Echo Mechthilde 18924.
			{	Inka Darkness 2d's Artis 24636.
		Aspasia Hesseltje 39350.	{	Calumbo '93 20980.
			{	Hesseltje 3d 1275 A. R. O. In 12 y. 26 d., 12.641 lbs. fat.

[Entry of additional records. For description and previous records see Vol. XIII, page 103.]

Owned by Eastern Michigan Asylum, Pontiac, Mich.

Second Official Butter Record: Dropped calf December 5, 1903, at 5 y. 11 m. 9 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 12.246 lbs. butter fat; milk 328.5 lbs.

Attested by F. B. Howard, Michigan Agricultural Experiment Station.

Third Official Butter Record: Dropped calf December 5, 1904, at 6 y. 11 m. 9 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 13.715 lbs. butter fat; milk 410 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

### PONTIAC CERES 2126 A. R. O. 44852.

PONTIAC CERES 2126 A. R. O. In 6 y. 1 m. 24 d., 15.783 lbs. fat.	{	Sir Inka Artis Mechthilde 191 A. R.	{	Yankee Anna Sir J. Echo Mechthilde 18924.
			{	Inka Darkness 2d's Artis 24636.
		Freerkje Brace 2217 A. R. O. In 8 y. 2 m. 29 d., 14.693 lbs. fat.	{	Billy Brace Junior 23105.
			{	Bakker's Freerkje 951 D. F. H. B.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For description and previous records see Vol. XIII, page 104.]



Official Butter Record: Dropped calf May 27, 1904, at 6 y. 1 m. 24 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 15.783 lbs. butter fat; milk 445 lbs.

Attested by F. B. Howard, Michigan Agricultural Experiment Station.

# **NO. 3669. PONTIAC CARLOTTA 55578.**

PONTIAC CARLOTTA 3669 A. R. O. In 3 y. 7 m. 1 d., 12.597 lbs. fat.	{	Bodera Lincoln Netherland 22931.	{	Soldene 2d's Netherland 8519.
				Bodera Lincoln's Colantha 27049.
	{	Shadybrook Gerben Abbekerk 46359.	{	Carlotta 2d's Sir Abbekerk 19094.
				Shadybrook Gerben 1325 A. R. O. In 6 y. 9 m. 8 d., 18.610 lbs. fat.

Owned by Eastern Michigan Asylum, Pontiac, Mich. Bred by M. E. Moore, Cameron, Mo. Calved October 20, 1900.

Official Butter Record: Dropped calf May 21, 1904, at 3 y. 7 m. 1 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 12.597 lbs. butter fat; milk 299 lbs.

Attested by F. B. Howard, Michigan Agricultural Experiment Station.

# **HOMESTEAD AAGGIE DE KOL 2834 A. R. O. 54569.**

HOMESTEAD AAGGIE DE KOL 2834 A. R. O. In 4 y. 1 m. 14 d., 17.943 lbs. fat.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
✓	{	Belle of Schillaard 3d's Aag- gie 1354 A. R. O. In 3 y. 11 m. 19 d., 10.643 lbs. fat.	{	Aaggie Netherland O. 19508.
				Belle of Schillaard 3d 1564 A. R. O. In 9 y. 5 m. 10 d., 12.567 lbs. fat.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 251.]

Second Official Butter Record: Dropped calf April 20, 1904, at 4 y. 1 m. 14 d. of age; commenced record April 27, 1904; closed record May 4; 7 days' production 17.943 lbs. butter fat; milk 434.3 lbs.

Attested by Gustav J. Bruns, Cornell University Agricultural Experiment Station.

**HOMESTEAD CRADOCK DE KOL 1999 A. R. O. 49460.**

HOMESTEAD CRADOCK DE KOL 1999 A. R. O. In 3 y. 9 m. 23 d., 66.305 lbs. fat 30 d.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
		Cradock De Kol 1568 A. R. O. In 3 y. 6 m. 26 d., 11.381 lbs. fat.		Count Paul De Kol 324 A. R. Cradock 19316.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol XIII, page 39, Vol. XIV, page 269.]

Third Official Butter Record: Dropped calf March 25, 1904, at 4 y. 10 m. 7 d. of age; commenced record April 5, 1904; closed record April 12; 7 days' production 17.265 lbs. butter fat; milk 516.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 25, 1904, at 4 y. 10 m. 7 d. of age; commenced record April 1, 1904; closed record April 14; 14 days' production 34.392 lbs. butter fat; milk 1,000.3 lbs.

Attested by Gustav J. Bruns, Cornell University Agricultural Experiment Station.

**MUTUAL FRIEND 3D'S PAULINE DE KOL 2467 A. R. O. 46973.**

MUTUAL FRIEND 3d's PAULINE DE KOL 2467 A. R. O. In 6 y. 1 m. 6 d., 61.499 lbs. fat 30 d.	{	Paul De Kol 97 A. R.	{	De Kol 2d's Prince 43 A. R.
				Pauline Paul 852 A. R. P. In 8 y., 1,153 lbs. 15.8 oz. butter by churn 365 d.
		Mutual Friend 3d 1119 A. R. O. In 4 y. 3 m. 8 d., 18.265 lbs. fat.		Duke Netherland 44 A. R. Mutual Friend 193 A. R. P. In 3 y., 20 lbs. 13 oz. but- ter by churn.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 46.]

Second Official Butter Record: Dropped calf April 11, 1904, at 6 y. 1 m. 6 d. of age; commenced record April 20, 1904; closed record April 26; 7 days' production 15.431 lbs. butter fat; milk 412.3 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 11, 1904, at 6 y. 1 m. 6 d. of age; commenced record April 17, 1904; closed record May 16; 30 days' production 61.499 lbs. butter fat; milk 1,720.9 lbs.

Attested by Gustav J. Bruns, Cornell University Agricultural Experiment Station.

**PALADIN 4TH'S LADY DE KOL 2763 A. R. O. 49806.**

PALADIN 4th's LADY DE KOL 2763 A. R. O. In 4 y. 1 m. 3 d., 126.192 lbs. fat 60 d.	{ Maplecroft Maid's De Kol 22420.	{ Hero De Kol 274 A. R.
	{ Paladin 4th 2146 A. R. O. In 10 y. 5 m. 4 d., 12.237 lbs. fat.	{ Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.
		{ Sir Jewel Echo Mechthilde 12863.
		{ Paladin 9628 H. H. B.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 208.]

Second Official Butter Record: Dropped calf April 17, 1904, at 5 y. 5 m. 12 d. of age; commenced record April 23, 1904; closed record April 29; 7 days' production 17.265 lbs. butter fat; milk 514 lbs.

Attested by Gustav J. Bruns, Cornell University Agricultural Experiment Station.

**NO. 3670. AALTJE JOSEPHINE POSCH 59839.**

AALTJE JOSEPHINE POSCH 3670 A. R. O. In 2 y. 5 m. 4 d., 9.704 lbs. fat.	{ Worthemall Sir Pietertje 302 A. R.	{ Sir Pietertje Josephine Mechthilde 21412.
	{ Aaltje Posch 4th 1427 A. R. O. In 10 y. 10 m. 1 d., 19.091 lbs. fat.	{ Worthemall 3d 57066.
		{ Lytle 4102.
		{ Aaltje Posch 6256 H.

Owned by W. A. Matteson, Utica, N. Y. Bred by James Rettie, Norwich, Ont.  
Calved November 14, 1901.

Official Butter Record: Dropped calf April 18, 1904, at 2 y. 5 m. 4 d. of age; commenced record April 26, 1904; closed record May 3; 7 days' production 9.704 lbs. butter fat; milk 333.4 lbs.

Attested by Gustav J. Bruns, Cornell University Agricultural Experiment Station.

**NO. 3671. SIJTJE TWISK PIETERTJE INKA 58625.**

SIJTJE TWISK PIE- TERTJE INKA 3671 A. R. O. In 3 y. 2 m. 27 d., 9.431 lbs. fat.	{ Peter Minnette 24583.	{ Inka Princess' Pietertje Pledge 140 A. R.
	{ Sijtje Twisk 4th 44617.	{ Fanny Waldorf 38947.
		{ Leonia Tweede's Pietertje 293 A. R.
		{ Sijtje Twisk 15326.

Owned and bred by Irwin Langworthy, South Brookfield, N. Y. Calved January 30, 1901.

Official Butter Record: Dropped calf April 27, 1904, at 3 y. 2 m. 27 d. of age; commenced record May 24, 1904; closed record May 31; 7 days' production 9.431 lbs. butter fat; milk 327.2 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

### NO. 3672. IRMENA'S WAYWARD 27253.

IRMENA'S WAYWARD 3672 A. R. O. In 13 y. 1 m. 10 d., 12.084 lbs. fat.	{	Mooie Twisk 4th 706 D. F. H. B.	{	Mooie 7 A. R. Maid of Twisk 1 D. F. In 8 y. 15,960 $\frac{7}{8}$ lbs. milk 1 y.
		Irmena 109 A. R. P. In 1 y. 11 m. 26 d., 9 lbs. 14 oz. butter by churn.	{	Wallinga 201 F. H. B. Tulener 1448 F. H. B.

Owned by Irwin Langworthy, South Brookfield, N. Y. Bred by Langworthy Brothers, West Edmeston, N. Y. Calved March 25, 1891.

Official Butter Record: Dropped calf May 5, 1904, at 13 y. 1 m. 10 d. of age; commenced record May 24, 1904; closed record May 31; 7 days' production 12.084 lbs. butter fat; milk 375.5 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

### NO. 3673. PIETERTJE HARTOG IMPERIAL 44613.

PIETERTJE HARTOG IM- PERIAL 3673 A. R. O. In 7 y. 7 m. 11 d., 12.859 lbs. fat.	{	Leonia Tweede's Pietertje 293 A. R.	{	Inka's Pietertje Netherland 119 A. R. Leonia Tweede 119 A. R. P. In 2 y. 1 m. 18 d., 9 lbs. 6 oz. butter by churn.
		Jacoba Hartog Imperial 32533.	{	Mooie Twisk 4th 706 D. F. Jacoba Hartog 7th 604 A. R. P. In 4 y. 9 m. 19 d., 14 lbs. 12 oz. butter by churn.

Owned and bred by Irwin Langworthy, South Brookfield, N. Y. Calved September 15, 1896.

Official Butter Record: Dropped calf April 26, 1904, at 7 y. 7 m. 11 d. of age; commenced record May 22, 1904; closed record May 29; 7 days' production 12.859 lbs. butter fat; milk 370.1 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.



**NO. 3674. PRINCESS HARTOG PIETERTJE 60879.**

PRINCESS HARTOG PIETERTJE 3674 A. R. O. In 6 y. 15 d., 13.156 lbs. fat.	Leonie Pietertje Mignone 23891.	Leonie Tweede's Pietertje 293 A. R.
	Princess Hartog Twisk 2d 2947 A. R. O. In 7 y. 2 m. 5 d., 12.119 lbs. fat.	Mignone 121 A. R. P. In 2 y. 14 d., 11 lbs. butter by churn.  Leonie Tweede's Pietertje 293 A. R. Princess Hartog Twisk 32537.

Owled and bred by Irwin Langworthy, South Brookfield, N. Y. Calved April 19, 1898.

Official Butter Record: Dropped calf May 4, 1904, at 6 y. 15 d. of age; commenced record May 23, 1904; closed record May 30; 7 days' production 13.156 lbs. butter fat; milk 423.2 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**NO. 3675. IRMENA'S WAYWARD 2D 44837.**

IRMENA'S WAYWARD 2d 3675 A. R. O.	Leonie Tweede's Pietertje 293 A. R.	Inka's Pietertje Netherland 119 A. R.
	Irmene's Wayward 3672 A. R. O. In 13 y. 1 m. 10 d., 12.084 lbs. fat.	Leonie Tweede 119 A. R. P. In 2 y. 1 m. 18 d., 9 lbs. 6 oz. butter by churn.  Mooie Twisk 4th 706 D. F. Irmene 109 A. R. P. In 1 y. 11 m. 26 d., 9 lbs. 14 oz. butter by churn.

Owled by Irwin Langworthy, South Brookfield, N. Y. Bred by Joseph Meistermann, Preakness, N. J. Calved November 24, 1897.

Official Butter Record: Dropped calf April 28, 1904, at 7 y. 5 m. 17 d. of age; commenced record May 24, 1904; closed record May 31; 7 days' production 13.482 lbs. butter fat; milk 448.2 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**NO. 3676. HOUWTJE J. P. INKA PAUL 54360.**

HOUWTJE J. P. INKA PAUL, 3676 A. R. O. In 4 y. 17 d., 11.948 lbs. fat.	Inka Pietertje Belle's Paul 23248.	Pietertje Kekke's Paul De Kol 133 A. R. Inka Pietertje Belle 42480.
	Houwtje J. Pietertje 40877.	Lewis Pietertje 19739. Houwtje 2941 H.

Owned by George Rice, Tillsonburg, Ont. Bred by W. K. Sexton, Howell, Mich.  
Calved February 15, 1900.

Official Butter Record: Dropped calf March 2, 1904, at 4 y. 17 d. of age;  
commenced record June 16, 1904; closed record June 22; 7 days' production 11.948  
lbs. butter fat; milk 325.8 lbs.

Attested by Edgar I. Johnson, Ontario Agricultural Experiment Station.

#### NO. 3677. EUNICE CLAY AGNES 63443.

<b>EUNICE CLAY AGNES</b> 3677 A. R. O. In 2 y. 10 d., 8.408 lbs. fat.	{	Eunice Clay's Paul 25427.	{	Sir Paul De Kol Clothilde 174 A. R.
			Eunice Clay 1007.	
	{	Lady Agnes of Avondale 3788 A. R. O. In 5 y. 8 m. 23 d., 14.532 lbs. fat.	{	Catholine Baron 31520.
			Lady Alice Geldertje 2825 A. R. O. In 8 y. 9 m., 12.662 lbs. fat.	

Owned and bred by George Rice, Tillsonburg, Ont. Calved February 22, 1902.

Official Butter Record: Dropped calf March 2, 1904, at 2 y. 10 d. of age;  
commenced record June 15, 1904; closed record June 21; 7 days' production 8.408  
lbs. butter fat; milk 256.5 lbs.

Attested by Edgar I. Johnson, Ontario Agricultural Experiment Station.

#### NO. 3678. CLIFDEN CROWNING SHIELD EXPECTATION 66543.

<b>CLIFDEN CROWNING SHIELD EXPECTATION</b> 3678 A. R. O. In 1 y. 6 m. 22 d., 8.488 lbs. fat.	{	Sir Pride of Whittaker 29413.	{	Sir Jewel Jantje Mechthilde 212 A. R.
			Pride of Whittaker 2102 A. R. O. In 3 y. 8 m. 26 d., 11.674 lbs. fat.	
	{	Rhoda Clifden's Crowning Shield 40840.	{	Netherland Helmer 11278.
			Rhoda Clifden 1077 A. R. P. In 6 y. 5 m. 21 d., 27¼ lbs. butter by churn.	

Owned by George Rice, Tillsonburg, Ont. Bred by Harvey S. Day, Ypsilanti,  
Mich. Calved October 11, 1902.

Official Butter Record: Dropped calf May 3, 1904, at 1 y. 6 m. 22 d. of age;  
commenced record June 14, 1904; closed record June 20; 7 days' production 8.448  
lbs. butter fat; milk 224.6 lbs.

Attested by Edgar I. Johnson, Ontario Agricultural Experiment Station.

**NO. 3679. ROSALIND HACKER 67774.**

ROSALIND HACKER 3679 A. R. O. In 2 y. 6 m. 19 d., 10.249 lbs. fat.	{	Clothilde Apollo Boon 297 A. R.	{	Apollo Boon 21963.
		Rosalind Boelyn 56164.		Lydia Artis 3d's Clothilde 38432.
			{	Osa Aunola's Boelyn 19439.
				Columbia Velthuis 56150.

Owned by George Rice, Tillsonburg, Ont. Bred by Frank S. Hacker, Howell, Mich. Calved November 1, 1901.

Official Butter Record: Dropped calf May 20, 1904, at 2 y. 6 m. 19 d. of age; commenced record June 15, 1904; closed record June 21; 7 days' production 10.249 lbs. butter fat; milk 323 lbs.

Attested by Edgar I. Johnson, Ontario Agricultural Experiment Station.

**NO. 3680. NUTULA 2D'S QUEEN 63604.**

NUTULA 2d's QUEEN 3680 A. R. O. In 2 y. 1 m. 17 d., 13.809 lbs. fat 10 d.	{	Leda Inka Sir Gerben Mechthilde 28777.	{	Gerben Mechthilde Sir Josephine 470 A. R.
		Nutula 2d 2023 A. R. O. In 10 y. 6 m. 22 d., 31.910 lbs. fat 14 d.		Leda Inka 56830.
			{	Kearns 12553.
				Nutula 1211.

Owned and bred by McKay Brothers, Buckingham, Ia. Calved April 25, 1902.

Official Butter Record: Dropped calf June 12, 1904, at 2 y. 1 m. 17 d. of age; commenced record June 18, 1904; closed record June 24; 7 days' production 9.969 lbs. butter fat; milk 284.3 lbs.

Official Butter Record: Ten consecutive days. Dropped calf June 12, 1904, at 2 y. 1 m. 17 d. of age; commenced record June 18, 1904; closed record June 27; 10 days' production 13.809 lbs. butter fat; milk 404 lbs.

Attested by Samuel O. Puderbaugh, Iowa Agricultural Experiment Station.

**NO. 3681. COPIA JOHANNA 64769.**

COPIA JOHANNA 3681 A. R. O. In 2 y. 12 d., 8.578 lbs. fat.	{	Johanna Aaggie 2d's Lad 307 A. R.	{	Sarcastic Lad 194 A. R.
		Copia 6th's Onyx 2513 A. R. O. In 5 y. 2 m. 15 d., 12.723 lbs. fat.		Johanna Aaggie 2d 1689 A. R. O. In 1 y. 11 m. 15 d., 10.297 lbs. fat.
			{	Onyx Clothilde 345 A. R.
				Copia 6th 31825.

Owned and bred by A. F. Cole, Morrisville Station, N. Y. Calved May 20, 1902.

Official Butter Record: Dropped calf June 2, 1904, at 2 y. 12 d. of age; commenced record June 18, 11.30 p. m., 1904; closed record June 25, 5.30 p. m.; 7 days' production 8.578 lbs. butter fat; milk 294.3 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

#### NO. 3682. JOHANNA HENGERVELD DE HAAN 64770.

JOHANNA HENGERVELD DE HAAN 3682 A. R. O. In 2 y. 1 m. 8 d., 7.674 lbs. fat.	{	Johanna Aaggie 2d's Lad 307 A. R.	{	Sarcastic Lad 194 A. R.
		Hengerveld De Kol De Haan 2030 A. R. O. In 1 y. 11 m. 20 d., 8.312 lbs. fat.		Johanna Aaggie 2d 1689 A. R. O. In 1 y. 11 m. 15 d., 10.297 lbs. fat.
			{	Pietertje Hengerveld's Count De Kol 135 A. R.
			{	Daisy De Haan Mechthilde 2029 A. R. O. In 6 y. 4 m. 9 d., 12.594 lbs. fat.

Owned and bred by A. F. Cole, Morrisville Station, N. Y. Calved May 16, 1902.

Official Butter Record: Dropped calf June 24, 1904, at 2 y. 1 m. 8 d. of age; commenced record July 1, 5.30 p. m., 1904; closed record July 8, 11.30 a. m.; 7 days' production 7.674 lbs. butter fat; milk 268.6 lbs.

Attested by G. W. Tailby, Cornell University Agricultural Experiment Station.

#### LEDA'S PRINCESS 2D'S WAYNE 2007 A. R. O. 37891.

LEDA'S PRINCESS 2d's WAYNE 2007 A. R. O. In 8 y. 21 d., 13.113 lbs. fat.	{	Aaggie 3d's Champion 11186.	{	America's Champion 4056.
		Leda's Princess 2d 25974.		Aaggie 3d 5 A. R. P. In 3 y. 8 m. 15 d., 191-6 lbs. butter by churn.
			{	Kearns 12553.
			{	Leda's Princess 19816.

Owned by McKay Brothers, Buckingham, Ia.

[Entry of additional records. For previous records see Vol. XIII, page 43, Vol. XIV, page 76.]

Third Official Butter Record: Dropped calf March 11, 1904, at 9 y. 11 m. 17 d. of age; commenced record May 23, 1904; closed record May 29; 7 days' production 12.693 lbs. butter fat; milk 371 lbs.

Attested by Samuel O. Puderbaugh, Iowa Agricultural Experiment Station.



**GUDULTJE GERBEN 2914 A. R. O. 65003.**

GUDULTJE GERBEN 2914 A. R. O. In 4 y. 9 m. 18 d., 86.556 lbs. fat 42 d.	{	Gerben Mechthilde Sir Josephine 170 A. R.	{	Empress Josephine 3d's Sir Mechthilde 20255.
				Harmenke's Gerben 23956.
	{	Gudultje 2907 A. R. O. In 11 y. 4 m. 11 d., 12.681 lbs. fat.	{	Pietertje Chief 13402.
				Gudula 3d 16997.

Owned by McKay Brothers, Buckingham, Ia.

[Entry of additional records. For previous records see Vol. XV, page 55.]

Second Official Butter Record: Dropped calf April 20, 1904, at 4 y. 9 m. 18 d. of age; commenced record June 10, 1904; closed record June 16; 7 days' production 15.669 lbs. butter fat; milk 473.8 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 20, 1904, at 4 y. 9 m. 18 d. of age; commenced record May 18, 1904; closed record June 18; 30 days' production 65.206 lbs. butter fat; milk 2,039.7 lbs.

Official Butter Record: Forty-two consecutive days. Dropped calf April 20, 1904, at 4 y. 9 m. 18 d. of age; commenced record May 14, 1904; closed record June 25; 42 days' production 86.556 lbs. butter fat; milk 2,727.2 lbs.

Attested by Samuel O. Puderbaugh, Iowa Agricultural Experiment Station.

**LEDA INKA GERBEN 2005 A. R. O. 51898.**

LEDA INKA GERBEN 2005 A. R. O. In 4 y. 10 m. 16 d., 101.902 lbs. fat. 49 d.	{	Gerben Mechthilde Sir Josephine 170 A. R.	{	Empress Josephine 3d's Sir Mechthilde 20255.
				Harmenke's Gerben 23956.
	{	Leda Inka Beauty 44161.	{	Inka 6th's Sir Pietertje Beets 171 A. R.
				Leda Hartog Tiettie 1735 A. R. O. In 5 y. 9 m. 29 d. 12.260 lbs. fat.

Owned by McKay Brothers, Buckingham, Ia.

[Entry of additional records. For previous records see Vol. XIII, page 42, Vol. XIV, page 75.]

Third Official Butter Record: Dropped calf March 24, 1904, at 4 y. 10 m. 16 d. of age; commenced record June 3, 1904; closed record June 9; 7 days' production 16.209 lbs. butter fat; milk 460.6 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf March 24, 1904, at 4 y. 10 m. 16 d. of age; commenced record May 12, 1904; closed record June 10; 30 days' production 64.074 lbs. butter fat; milk 1,938.6 lbs.

Official Butter Record: Forty-nine consecutive days. Dropped calf March 24, 1904, at 4 y. 10 m. 16 d. of age; commenced record May 8, 1904; closed record June 25; 49 days' production 101.902 lbs. butter fat; milk 3,124.8 lbs.

Attested by Samuel O. Puderbaugh, Iowa Agricultural Experiment Station.

### GENESEO BELLE 1734 A. R. O. 38306.

GENESEO BELLE 1734 A. R. O. In 9 y. 11 m. 17 d., 67.507 lbs. fat 30 d.	{	Sir Henry Tiettie 192 A. R.	{	Sir Henry of Maplewood 2933 H. H. B.
			Tiettie 680 D. F. H. B.	
	{	Thilda's Aaggie Wayne 33590.	{	Aaggie 3d's Champion 11136.
			Thilda 5324.	

Owned by McKay Brothers, Buckingham, Ia.

[Entry of additional records. For previous records see Vol. XII, page 29, Vol. XIV, page 75, Vol. XV, page 52.]

Fourth Official Butter Record: Dropped calf April 23, 1904, at 9 y. 11 m. 17 d. of age; commenced record May 24, 1904; closed record May 30; 7 days' production 17.106 lbs. butter fat; milk 479.6 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 23, 1904, at 9 y. 11 m. 17 d. of age; commenced record May 17, 1904; closed record June 15; 30 days' production 67.507 lbs. butter fat; milk 1,970 lbs.

Attested by Samuel O. Puderbaugh, Iowa Agricultural Experiment Station.

### NO. 3683. GENESEO HENGERVELD 63600.

GENESEO HENGERVELD 3683 A. R. O. In 2 y. 7 d., 89.400 lbs. fat 49 d.	{	Butter Boy Hengerveld De Kol 24937.	{	De Kol 2d's Butter Boy 2d 304 A. R.
			Pietertje Hengerveld's Lady De Kol 1231 A. R. O. In 5 y. 2 m. 2 d., 13.523 lbs. fat.	
	{	Geneseo Belle 1734 A. R. O. In 9 y. 11 m. 17 d., 67.507 lbs. fat 30 d.	{	Sir Henry Tiettie 192 A. R. Thilda's Aaggie Wayne 33590.

Owned and bred by McKay Brothers, Buckingham, Ia. Calved April 13, 1902.

Official Butter Record: Dropped calf April 20, 1904, at 2 y. 7 d. of age; commenced record May 25, 1904; closed record May 31; 7 days' production 13.568 lbs. butter fat; milk 374.2 lbs.

Official Butter Record: Thirty consecutive days: Dropped calf April 20, 1904, at 2 y. 7 d. of age; commenced record May 22, 1904; closed record June 20; 30 days' production 55.997 lbs. butter fat; milk 1,591.7 lbs.

Official Butter Record: Forty-nine consecutive days. Dropped calf April 20, 1904, at 2 y. 7 d. of age; commenced record May 8, 1904; closed record June 25; 49 days' production 89.400 lbs. butter fat; milk 2,520.4 lbs.

Attested by Samuel O. Puderbaugh, Iowa Agricultural Experiment Station.

**NO. 3684. GETTIE M. 3D 62127.**

GETTIE M. 3d 3684 A. R. O. In 2 y. 1 m. 24 d., 7.856 lbs. fat.	{	Nig Nelson 309 A. R.	{	Pearl of the Dairy's Joe De Kol 164 A. R.
				Nig Alcartra 2d 4941 A. R. O. In 2 y. 10 m. 29 d., 8.938 lbs. fat.
		Gettie M. 40476.		Piebe's Lord Carl 18527.
				Black Cherrie 4th 28139.

Owned and bred by Randall Brothers, Lake Crystal, Minn. Calved December 8, 1901.

Official Butter Record: Dropped calf February 2, 1904, at 2 y. 1 m. 24 d. of age; commenced record June 21, 1904; closed record June 28; 7 days' production 7.856 lbs. butter fat; milk 258.4 lbs.

Attested by G. B. Andrews, Minnesota Agricultural Experiment Station.

**NO. 3685. CLARA MONTI 3D 55024.**

CLARA MONTI 3d 3685 A. R. O. In 4 y. 1 m., 10.491 lbs. fat.	{	Larkin Mercedes Prince 23848.	{	Deconia Mercedes Prince 22460.
				Ida G. 4770 H.
		Clara Monti 28138.		Duke of Wild Rose 163 A. R.
				Nellie 2d 3441 H.

Owned and bred by Randall Brothers, Lake Crystal, Minn. Calved March 5, 1900.

Official Butter Record: Dropped calf April 5, 1904, at 4 y. 1 m., of age; commenced record June 21, 1904; closed record June 28; 7 days' production 10.491 lbs. butter fat; milk 309.5 lbs.

Attested by G. B. Andrews, Minnesota Agricultural Experiment Station.

**NO. 3686. SIGNORA BELMONT 2D 62128.**

SIGNORA BELMONT 2d 3686 A. R. O. In 2 y. 3 m. 12 d., 8.821 lbs. fat.	{	Nig Nelson 309 A. R.	{	Pearl of the Dairy's Joe De Kol 164 A. R.
				Nig Alcartra 2d 1941 A. R. O. In 2 y. 10 m. 29 d., 8.938 lbs. fat.
		Signora Belmont 48046.		Colonel Anthony 21650.
				Gettie M. 40476.

Owned and bred by Randall Brothers, Lake Crystal, Minn. Calved December 20, 1901.

Official Butter Record: Dropped calf April 2, 1904, at 2 y. 3 m. 12 d. of age; commenced record June 21, 1904; closed record June 28; 7 days' production 8.821 lbs. butter fat; milk 263.9 lbs.

Attested by G. B. Andrews, Minnesota Agricultural Experiment Station.

### NEBRASKA DORA 2788 A. R. O. 59304.

NEBRASKA DORA 2788 A. R. O. In 3 y. 1 m. 1 d., 11.659 lbs. fat.	{	Baronet Gerben 313 A. R.	{	Gold Leaf 2d Gerben Sir Henry 24269.
			{	Baroness Rose 40800.
		Dora Midnight 7032.	{	Midnight 125 D. F. H. B.
			{	Dora Beets 4th 889 D. F. H. B.

Owned by John C. Doubt, Havelock, Neb.

[Entry of additional records. For previous records see Vol XIV, page 221.]

Second Official Butter Record: Dropped calf May 2, 1904, at 3 y. 1 m. 1 d. of age; commenced record May 8, 1904; closed record May 14; 7 days' production 11.659 lbs. butter fat; milk 360 lbs.

Attested by Claude H. Hinman, Nebraska Agricultural Experiment Station.

### NO. 3687. MAY RECTOR 2D'S DE KOL 70754.

MAY RECTOR 2d's DE KOL 3637 A. R. O. In 3 y. 10 m. 14 d., 11.586 lbs. fat.	{	Paul Mechthilde De Kol 182 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
			{	Inka Pietertje Mechthilde 1145 A. R. O. In 2 y. 11 m. 23 d., 11.348 lbs. fat.
		May Rector 2d 57431.	{	Paul Mechthilde De Kol 182 A. R.
			{	May Rector 1600 A. R. O. In 10 y. 6 m. 27 d., 65.428 lbs. fat 30 d.

Owned and bred by A. J. Daughterity, Streator, Ill. Calved July 13, 1900.

Official Butter Record: Dropped calf May 27, 1904, at 3 y. 10 m. 14 d. of age; commenced record June 14, 1904; closed record June 21; 7 days' production 11.586 lbs. butter fat; milk 420.8 lbs.

Attested by T. J. Gilkerson, Illinois Agricultural Experiment Station.



**NO. 3688. SNOWBALL CLOTHILDE 2D 63773.**

<b>SNOWBALL, CLOTHILDE</b> 2d 3688 A. R. O. In 2 y. 1 m. 5 d., 9.117 lbs. fat.	{ Topsy De Kol 298 A. R.	{ Pietertje Alban De Kol 173 A. R.
✓ <b>Snowball Clothilde</b> 1235 A. R. O. In 5 y. 2 m. 15 d., 13.083 lbs. fat.	{	Clothilde Artis Topsy 1241 A. R. O. In 7 y. 1 m., 18.607 lbs. fat.
		Charity 7th's Netherland 19039. Hetty W.'s Artis Clothilde 1115 A. R. O. In 3 y. 1 d., 10.535 lbs. fat.

Owned and bred by Don J. Wood, West Winfield, N. Y. Calved March 30, 1902.

Official Butter Record: Dropped calf May 5, 1904, at 2 y. 1 m. 5 d. of age; commenced record June 7, 1904; closed record June 14; 7 days' production 9.117 lbs. butter fat; milk 279.7 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 3689. AAGGIE GRACE TOPSY 63772.**

<b>AAGGIE GRACE TOPSY</b> 3689 A. R. O. In 2 y. 2 d., 9.032 lbs. fat.	{ Topsy De Kol 298 A. R.	{ Pietertje Alban De Kol 173 A. R.
✓ <b>Aaggie Grace's Boy's Topsy</b> 1280 A. R. O. In 8 y. 13 d., 13.800 lbs. fat.	{	Clothilde Artis Topsy 1241 A. R. O. In 7 y. 1 m., 18.607 lbs. fat.
		Aaggie Grace's Boy 7068. Judith W. 2d 438 A. R. P. In 2 y. 9 m. 21 d., 7,936¼ lbs. milk 10 m.

Owned and bred by Don J. Wood, West Winfield, N. Y. Calved April 26, 1902.

Official Butter Record: Dropped calf April 28, 1904, at 2 y. 2 d. of age; commenced record June 5, 1904; closed record June 11; 7 days' production 9.032 lbs. butter fat; milk 285.3 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 3690. VALLEY FARM BEAUTY 63777.**

<b>VALLEY FARM BEAUTY</b> 3690 A. R. O. In 2 y. 1 m. 12 d., 8.364 lbs. fat.	{ Topsy De Kol 298 A. R.	{ Pietertje Alban De Kol 173 A. R.
✓ <b>Jannek Netherland Clothilde</b> 4th 2020 A. R. O. In 2 y. 12 d., 7.800 lbs. fat.	{	Clothilde Artis Topsy 1241 A. R. O. In 7 y. 1 m., 18.607 lbs. fat.
		Pietertje Alban De Kol 173 A. R. Jannek Netherland Clothilde 1536 A. R. O. In 7 y. 11 m. 27 d., 13.299 lbs. fat.

Owned and bred by Don J. Wood, West Winfield, N. Y. Calved March 26, 1902.

Official Butter Record: Dropped calf May 8, 1904, at 2 y. 1 m. 12 d. of age; commenced record June 5, 1904; closed record June 11; 7 days' production 8.364 lbs. butter fat; milk 273 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

### JESSIE OF CORNELLA 1754 A. R. O. 50374.

JESSIE OF CORNELLA 1754 A. R. O. In 6 y. 9 m. 11 d., 14.393 lbs. fat.	{	Netherland Aaggie Boelyn 23876.	{	Netherland Prince Aaggie 9701. Monica Marjorano 14381.
		Cornella of Ensenore 14380.		Sir George of Aaggie 2362 H. H. B. Ensenore 1051 A. R. P. In 7 y. 2 m. 24 d., 17,864½ lbs. milk 1 y.

Owned by Don J. Wood, West Winfield, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 38.]

Second Official Butter Record: Dropped calf April 24, 1904, at 6 y. 9 m. 11 d. of age; commenced record June 8, 1904; closed record June 14; 7 days' production 14.393 lbs. butter fat; milk 416.2 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

### JANNEK ALBINA DE KOL 2019 A. R. O. 50851.

JANNEK ALBINA DE KOL 2019 A. R. O. In 5 y. 21 d., 14.001 lbs. fat.	{	Pietertje Alban De Kol 173 A. R.	{	De Kol 2d's Butter Boy 129 A. R. Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.
		Jannek Bright 2d 1113 A. R. O. In 8 y. 10 d., 14.730 lbs. fat.		Aaggie Grace's Boy 7068. Jannek Bright 439 A. R. P. In 2 y. 383¼ lbs. milk 10 d.

Owned by Don J. Wood, West Winfield, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 49.]

Second Official Butter Record: Dropped calf April 29, 1904, at 5 y. 21 d. of age; commenced record June 5, 1904; closed record June 12; 7 days' production 14.001 lbs. butter fat; milk 399.8 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 3691. JANNEK ALBINA DE KOL 2D 63776.**

<b>JANNEK ALBINA DE KOL</b> 2d 3691 A. R. O. In 2 y. 1 m. 6 d., 7.460 lbs. fat.	{ Topsy De Kol 298 A. R.	{ Pietertje Alban De Kol 173 A. R.
	{ Jannek Albina De Kol 2019 A. R. O. In 5 y. 21 d., 14.001 lbs. fat.	{ Clothilde Artis Topsy 1241 A. R. O. In 7 y. 1 m., 18.607 lbs. fat.
		{ Pietertje Alban De Kol 173 A. R.
		{ Jannek Bright 2d 1113 A. R. O. In 8 y. 10 d., 14.730 lbs. fat.

Owned and bred by Don J. Wood, West Winfield, N. Y. Calved March 19, 1902.

Official Butter Record: Dropped calf April 25, 1904, at 2 y. 1 m. 6 d. of age; commenced record June 5, 1904; closed record June 11; 7 days' production 7.460 lbs. butter fat; milk 230.5 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 3692. LILLA MAY BOON 62351.**

<b>LILLA MAY BOON</b> 3692 A. R. O. In 4 y. 3 m. 11 d., 13.111 lbs. fat.	{ Shadeland Boon Perfection 23143.	{ Boon's Emperor King 21691.
	{ Lilla May 3d 29169.	{ Pietertje Beauty Veeman 34992.
		{ Sir Duke Aaggie 15352.
		{ Lilla May 3466.

Owned by James A. Lee, Earlville, N. Y. Bred by E. D. Allard, Georgetown, N. Y. Calved December 27, 1899.

Official Butter Record: Dropped calf April 8, 1904, at 4 y. 3 m. 11 d. of age; commenced record June 9, 1904; closed record June 16; 7 days' production 13.111 lbs. butter fat; milk 384 lbs.

Attested by H. S. Williams, Cornell University Agricultural Experiment Station.

**NO. 3693. QUEEN SIGNET DE KOL 2D 58934.**

<b>QUEEN SIGNET DE KOL</b> 2d 3693 A. R. O. In 3 y. 10 m. 8 d., 10.786 lbs. fat.	{ Lord Netherland De Kol 245 A. R.	{ Netherland De Kol's Perfection 223 A. R.
	{ Queen Signet De Kol 53570.	{ Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
		{ Wayne Paul De Kol Boon 23603.
		{ Queen Signet 53379.

Owned by James A. Lee, Earlville, N. Y. Bred by E. C. Brill, Poughquag, N. Y. Calved July 1, 1900.

Official Butter Record: Dropped calf May 9, 1904, at 3 y. 10 m. 8 d. of age; commenced record June 9, 1904; closed record June 16; 7 days' production 10.786 lbs. butter fat; milk 311.2 lbs.

Attested by H. S. Williams, Cornell University Agricultural Experiment Station.

### JOHANNA de PAULINE 3D 2234 A. R. O. 52254.

JOHANNA de PAULINE 3d 2234 A. R. O. In 4 y. 6 m. 11 d., 13.784 lbs. fat.	Sarcastic Lad 194 A. R.	Maurice Bonheur 22394.
	Johanna de Pauline 1446 A. R. O. In 5 y. 3 m. 25 d., 16.758 lbs. fat.	Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
		Paul Mutual De Kol 18726.
		Johanna 5th's Clothilde 1107 A. R. O. In 5 y. 11 m. 1 d., 16.006 lbs. fat.

Owned by Gillett & Son, Rosendale, Wis.

[Entry of additional records. For previous records see Vol. XIII, page 167.]

Second Official Butter Record: Dropped calf June 9, 1904, at 4 y. 6 m. 11 d. of age; commenced record June 28, 1904; closed record July 4; 7 days' production 13.784 lbs. butter fat; milk 429.6 lbs.

Attested by Roy T. Harris, Wisconsin Agricultural Experiment Station.

### NO. 3694. QUEEN RINGWOOD 2D'S JOHANNA 55034.

QUEEN RINGWOOD 2d's JOHANNA 3694 A. R. O. In 3 y. 8 m. 29 d., 11.209 lbs. fat.	Johanna Paul Colantha 25466.	Paul Colantha 225 A. R.
	Queen Ringwood 2d 43169.	Johanna Rue 2d 1105 A. R. O. In 5 y. 3 m. 13 d., 17.027 lbs. fat.
		Bracelet's Jack Pietertje 20482.
		Queen Ringwood 38595.

Owned by F. B. Fargo, Lake Mills, Wis. Bred by A. N. McGeoch, Lake Mills, Wis. Calved July 27, 1900.

Official Butter Record: Dropped calf April 26, 1904, at 3 y. 8 m. 29 d. of age; commenced record May 10, 1904; closed record May 16; 7 days' production 11.209 lbs. butter fat; milk 273.7 lbs.

Attested by H. L. Cockerill, Wisconsin Agricultural Experiment Station.



**NO. 3695. TROMP PRINCESS 60274.**

TROMP PRINCESS 3695 A. R. O. In 2 y. 11 m. 8 d., 10.257 lbs. fat.	{	Netherland Prince De Kol 24681.	{	De Kol 2d's Netherland 118 A. R.
			{	Cornelja V.'s Princess 31398.
		Tromp Arlep 2d 48265.	{	Count Clothilde Beauty 19706.
			{	Tromp Arlep 34608.

Owned by G. M. Carpenter, Wilkesbarre, Pa. Bred by Lackawanna Breeders' Association, Waverly, Pa. Calved July 16, 1901.

Official Butter Record: Dropped calf June 24, 1904, at 2 y. 11 m. 8 d. of age; commenced record July 4, 1904; closed record July 10; 7 days' production 10.257 lbs. butter fat; milk 294.5 lbs.

Attested by Robert E. Stallings, Pennsylvania State College Agricultural Experiment Station.

**NO. 3696. NELLIE ALEXANDER 35848.**

NELLIE ALEXANDER 3696 A. R. O. In 13 y. 7 m. 8 d., 12.056 lbs. fat.	{	Jamaica's Prince 3143.	{	Viking 2062 H.
			{	Jamaica 1336 H.
		Daisy Alexander 2d 8004 H. H. B.	{	Sir Henry 2d of Aaggie 5 A. R.
			{	Daisy Alexander 4409 H.

Owned by R. E. Coe, Kirkville, N. Y. Bred by Estate of John Mitchell, Meadowbrook, N. Y. Calved October 1, 1890.

Official Butter Record: Dropped calf May 9, 1904, at 13 y. 7 m. 8 d. of age; commenced record June 10, 1904; closed record June 16; 7 days' production 12.056 lbs. butter fat; milk 377.7 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 3697. MAHOMET PET DE KOL 58760.**

MAHOMET PET DE KOL 3697 A. R. O. In 4 y. 2 m., 14.558 lbs. fat.	{	De Kol Aaggie Otley 24570.	{	Netherland De Kol's Perfection 223 A. R.
			{	Shadeland Nona 29573.
		Mahomet Clothilde 54077.	{	Vikina Netherland Clothilde 22794.
			{	Princess Mahomet 1505 A. R. O. In 3 y. 1 m. 28 d., 10.509 lbs. fat.

Owned and bred by R. E. Coe, Kirkville, N. Y. Calved March 24, 1900.

Official Butter Record: Dropped calf May 24, 1904, at 4 y. 2 m., of age; commenced record June 10, 1904; closed record June 16; 7 days' production 14.558 lbs. butter fat; milk 451.3 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

#### NO. 3698. HOMESTEAD HEROINE DE KOL 46490.

HOMESTEAD HEROINE DE KOL 3698 A. R. O. In 6 y. 1 m. 24 d., 14.693 lbs. fat.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
			{ Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
	{	Heroine De Kol 3356 A. R. O. In 7 y. 10 m. 27 d., 62.450 lbs. fat 30 d.	{ Hero De Kol 274 A. R.
			{ Maplecroft Gem 1351 A. R. O. In 5 y. 5 m. 11 d., 16.079 lbs. fat.

Owned and bred by W. A. Matteson, Utica, N. Y. Calved April 25, 1898.

Official Butter Record: Dropped calf May 29, 1904, at 6 y. 1 m. 24 d. of age; commenced record June 6, 1904; closed record June 13; 7 days' production 14.693 lbs. butter fat; milk 433.9 lbs.

Attested by G. M. Wilcox, Cornell University Agricultural Experiment Station.

#### NO. 3699. HEEGSTRA PIETERTJE JOHANNA 64916.

HEEGSTRA PIETERTJE JOHANNA 3699 A. R. O. In 2 y. 1 m. 29 d., 10.026 lbs. fat.	{	Johanna Aaggie 2d's Lad 307 A. R.	{ Sarcastic Lad 194 A. R.
			{ Johanna Aaggie 2d 1689 A. R. O. In 1 y. 11 m. 15 d., 10.297 lbs. fat.
	{	Heegstra Girl 1891 A. R. O. In 7 y. 9 m. 13 d., 12.602 lbs. fat.	{ Pietertje Hartog 137 A. R.
			{ Lady Heegstra 4th 3799.

Owned and bred by A. F. Cole, Morrisville Station, N. Y. Calved May 7, 1902.

Official Butter Record: Dropped calf July 6, 1904, at 2 y. 1 m. 29 d. of age; commenced record July 13, 1904; closed record July 20; 7 days' production 10.026 lbs. butter fat; milk 315.3 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

**NO. 3700. RAPHAELLA BURKE DE KOL 52463.**

RAPHAELLA BURKE DE KOL 3700 A. R. O. In 4 y. 1 m. 28 d., 11.546 lbs. fat.	{	Pietertje Alban De Kol 173 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
		Clothilde Artis Raphaella 2d 1537 A. R. O. In 2 y. 11 d., 9.754 lbs. fat.	{ Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.
			{ Sir Abbekerk Burke 240 A. R.
			{ Clothilde Artis Raphaella 1283 A. R. O. In 3 y. 3 d., 10.465 lbs. fat.

Owned by Bradley Fuller, Utica, N. Y. Bred by Don J. Wood, West Exeter,  
N. Y. Calved March 19, 1900.

Official Butter Record: Dropped calf May 17, 1904, at 4 y. 1 m. 28 d. of age;  
commenced record June 16, 1904; closed record June 22; 7 days' production  
11.546 lbs. butter fat; milk 391.5 lbs.

Attested by G. M. Wilcox, Cornell University Agricultural Experiment  
Station.

**NO. 3701. CLOTHILDE ALBAN DE KOL 59724.**

CLOTHILDE ALBAN DE KOL 3701 A. R. O. In 3 y. 1 m. 22 d., 10.234 lbs. fat.	{	Pietertje Alban De Kol 173 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
		Clothilde Artis Pet 1286 A. R. O. In 3 y. 19 d., 9.625 lbs. fat.	{ Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.
			{ Artis Adiantum's Clothilde 116 A. R.
			{ Rag Apple 437 A. R. P. In 2 y. 10 m. 8 d., 9.652½ lbs. milk 10 m.

Owned by Bradley Fuller, Utica, N. Y. Bred by Don J. Wood, West Exeter,  
N. Y. Calved April 14, 1901.

Official Butter Record: Dropped calf June 6, 1904, at 3 y. 1 m. 22 d. of age;  
commenced record June 15, 1904; closed record June 22; 7 days' production 10.234  
lbs. butter fat; milk 325.7 lbs.

Attested by G. M. Wilcox, Cornell University Agricultural Experiment  
Station.

**NO. 3702. NETHERLAND RUBY DE KOL 59726.**

NETHERLAND RUBY DE KOL 3702 A. R. O. In 3 y. 1 m. 9 d., 9.416 lbs. fat.	{	Homestead Pietertje De Kol Paul 26346.	{ Paul Beets De Kol 118 A. R.
		Netherland Ruby 41790.	{ Aaggie Lily 3d's Netherland 1224 A. R. O. In 10 y. 12 d., 13.911 lbs. fat.
			{ Aaggie Netherland O. 19508.
			{ Shadeland Ruby 5th 1350 A. R. O. In 6 y. 11 m. 1 d., 12.501 lbs. fat.

Owned and bred by Bradley Fuller, Utica, N. Y. Calved April 15, 1901.

Official Butter Record: Dropped calf May 24, 1904, at 3 y. 1 m. 9 d. of age; commenced record June 13, 1904; closed record June 19; 7 days' production 9.416 lbs. butter fat; milk 313.8 lbs.

Attested by G. M. Wilcox, Cornell University Agricultural Experiment Station.

### NO. 3703. CALAMITY GREENWOOD DE KOL 62444.

CALAMITY GREENWOOD DE KOL 3703 A. R. O. In 2 y. 3 m. 8 d., 10.982 lbs. fat.	{ De Kol 2d's Pauline 2d's Paul De Kol 27483. Calamity Hengerveld De Kol 52903.	{ Calamity Jane's Paul 146 A. R.
		{ De Kol 2d's Pauline 2d 43392. Calamity Jane's Paul 146 A. R. Pietertje Hengerveld's Lady De Kol 2d 1452 A. R. O. In 3 y. 9 m., 12.919 lbs. fat.

Owned and bred by E. H. Knapp & Son, Fabius, N. Y. Calved December 30, 1901.

Official Butter Record: Dropped calf April 8, 1904, at 2 y. 3 m. 8 d. of age; commenced record June 12, 1904; closed record June 18; 7 days' production 10.982 lbs. butter fat; milk 320.5 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

### GRACE GREENWOOD 1739 A. R. O. 25316.

GRACE GREENWOOD 1739 A. R. O. In 9 y. 9 m. 28 d., 17.798 lbs. fat.	{ Woodland Duke 6598. Katy Spofford 5074.	{ Inka's Duke 1161.
		{ Pleasant Valley Maid 482 A. R. P. In 4 y. 29 d., 744 lbs. milk 10 d. Glendale 3417 H. H. B. Nannie Spofford 518 A. R. P. In 7 y. 10 m. 19 d., 16 lbs. 10 oz. butter by churn.

Owned by E. H. Knapp & Son, Fabius, N. Y.

[Entry of additional records. For previous records see Vol. XII, page 31.]

Second Official Butter Record: Dropped calf May 6, 1904, at 14 y. 11 d. of age; commenced record June 11, 1904; closed record June 17; 7 days' production 12.887 lbs. butter fat; milk 435.4 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

**NO. 3704. LADY MAY PIETERTJE 2D 53477.**

LADY MAY PIETERTJE 2d 3704 A. R. O. In 4 y. 1 m. 13 d., 13.175 lbs. fat.	{	Manor De Kol 130 A. R.	{	De Kol 2d's Netherland 118 A. R.
				Netherland Hengerveld 1183 A. R. O. In 7 y. 11 m. 10 d., 21.338 lbs. fat.
	{	Lady May Pietertje 1506 A. R. O. In 7 y. 11 d., 13.109 lbs. fat.	{	Inka's Pietertje Netherland 119 A. R.
				Carrie Harrison 17497.

Owned by E. H. Knapp & Son, Fabius, N. Y. Bred by Henry Stevens & Sons,  
Lacona, N. Y. Calved April 26, 1900.

Official Butter Record: Dropped calf June 9, 1904, at 4 y. 1 m. 13 d. of age;  
commenced record June 16, 1904; closed record June 22; 7 days' production 13.175  
lbs. butter fat; milk 422.4 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment  
Station.

**SHADELAND MECHTHILDE 1742 A. R. O. 50187.**

SHADELAND MECH- THILDE 1742 A. R. O. In 7 y. 1 m. 24 d., 14.687 lbs. fat.	{	Mechthilde's Sir Henry of Maplewood 201 A. R.	{	Sir Henry of Maplewood 2933 H. H. B.
				Mechthilde 6718 H. H. B.
	{	Wase Netherland Shadeland 35097.	{	Blanche Waynedot's Netherland 18244.
				Carren Wase 3249.

Owned by W. S. Carpenter, Menominee, Mich.

[Entry of additional records. For previous records see Vol. XII, page 32, Vol.  
XIII, page 65.]

Third Official Butter Record: Dropped calf April 22, 1904, at 7 y. 1 m. 24 d.  
of age; commenced record June 22, 1904; closed record June 29; 7 days' produc-  
tion 14.687 lbs. butter fat; milk 436.3 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**DE KOL LONGFIELD 2355 A. R. O. 52505.**

DE KOL LONGFIELD 2355 A. R. O. In 4 y. 10 m. 10 d., 27.107 lbs. fat 14 d.	{	De Kol Burke 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
				Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
✓	{	Lady Longfield 2d 1476 A. R. O. In 7 y. 2 m. 29 d., 14.001 lbs. fat.	{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
				Lady Longfield 1683 A. R. O. In 8 y. 10 m. 29 d., 16.910 lbs. fat.



Owned by W. S. Carpenter, Menominee, Mich.

[Entry of additional records. For previous records see Vol. XIII, page 237.]

Second Official Butter Record: Dropped calf June 5, 1904, at 4 y. 10 m. 10 d. of age; commenced record July 6, 1904; closed record July 12; 7 days' production 14.524 lbs. butter fat; milk 436.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf June 5, 1904; at 4 y. 10 m. 10 d., of age; commenced record June 29, 1904; closed record July 12; 14 days' production 27.107 lbs. butter fat; milk 875.1 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

### CANARY LONGFIELD 3150 A. R. O. 59190.

CANARY LONGFIELD 3150 A. R. O. In 3 y. 1 m. 3 d., 27.125 lbs. fat 14 d.	{	Canary's Mercedes' Royal Sirocco 22450.	{	Netherland Helmer 11278.
		Lady Longfield 3d 1383 A. R. O. In 3 y. 11 m. 20 d., 16.897 lbs. fat.		Canary's Mercedes 1109 A. R. O. In 6 y. 8 m. 14 d., 20.129 lbs. fat.
			{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
			{	Lady Longfield 1683 A. R. O. In 8 y. 10 m. 29 d., 16.910 lbs. fat.

Owned by W. S. Carpenter, Menominee, Mich.

[Entry of additional records. For description and previous records see Vol. XV, page 191.]

Second Official Butter Record: Dropped calf June 13, 1904, at 3 y. 1 m. 3 d. of age; commenced record June 29, 1904; closed record July 5; 7 days' production 13.819 lbs. butter fat; milk 328 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf June 13, 1904, at 3 y. 1 m. 3 d. of age; commenced record June 24, 1904; closed record July 7; 14 days' production 27.125 lbs. butter fat; milk 633.5 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

### NO. 3705. LADY LONGFIELD 2D'S NIGHT 59192.

LADY LONGFIELD 2d's NIGHT 3705 A. R. O. In 2 y. 10 m. 15 d., 54.644 lbs. fat 30 d.	{	Vevie Night De Kol 23637.	{	Paul De Kol Clothilde 123 A. R.
		Lady Longfield 2d 1476 A. R. O. In 7 y. 2 m. 29 d., 14.001 lbs. fat.		Vevie Night 2d 1244 A. R. O. In 9 y. 20 d., 14.666 lbs. fat.
			{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
			{	Lady Longfield 1683 A. R. O. In 8 y. 10 m. 29 d., 16.910 lbs. fat.

Owned and bred by W. S. Carpenter, Menominee, Mich. Calved July 9, 1901.

Official Butter Record: Dropped calf May 24, 1904, at 2 y. 10 m. 15 d. of age; commenced record June 21, 1904; closed record June 28; 7 days' production 13.139 lbs. butter fat; milk 388.1 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf May 24, 1904, at 2 y. 10 m. 15 d. of age; commenced record June 10, 1904; closed record July 11; 30 days' production 54.644 lbs. butter fat; milk 1,702.2 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### NO. 3706. NINA DUCHESS 'MELCHIOR 59195.

NINA DUCHESS MELCHIOR 3706 A. R. O. In 2 y. 8 m. 29 d., 42.056 lbs. fat 30 d.	{	Duchess Cornelia's Paul 23882.	{	Paul Mutual De Kol 18726.
				Duchess Cornelia 38709.
	{	Nina Melchior 1660 A. R. O. In 10 y. 5 d., 12.529 lbs. fat.	{	Harmke's North Star 3309 H.
				Lady Melchior 6664 H.

Owned by W. S. Carpenter, Menominee, Mich. Bred by W. S. Williams, Eldorado, Wis. Calved August 8, 1901.

Official Butter Record: Dropped calf May 7, 1904, at 2 y. 8 m. 29 d. of age; commenced record June 19, 1904; closed record June 26; 7 days' production 10.218 lbs. butter fat; milk 352.8 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf May 7, 1904, at 2 y. 8 m. 29 d. of age; commenced record June 13, 1904; closed record July 12; 30 days' production 42.056 lbs. butter fat; milk 1,454.4 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### NO. 3707. DE VRIES DE KOL HENGERVELD 61828.

DE VRIES DE KOL HENGERVELD 3707 A. R. O. In 2 y. 1 m. 5 d., 28.281 lbs. fat 21 d.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{	Manor De Kol 130 A. R.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Argyrea De Vries 43819.	{	Colanthus De Vries 19669.
				Argyrea 4th's Echo 29856.

Owned by Stevens Brothers, Lacona, N. Y. Bred by Uri S. Porter, Lacona, N. Y. Calved April 2, 1902.

Official Butter Record: Dropped calf May 7, 1904, at 2 y. 1 m. 5 d. of age; commenced record May 31, 1904; closed record June 7; 7 days' production 10.090 lbs. butter fat; milk 352.1 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf May 7, 1904, at 2 y. 1 m. 5 d. of age; commenced record May 18, 1904; closed record June 7; 21 days' production 28.281 lbs. butter fat; milk 989.7 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

### SNOWBALL PINK 3000 A. R. O. 59077.

SNOWBALL PINK 3000 A. R. O. In 3 y. 2 m. 29 d., 13.042 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
				Pearl of the Dairy 13271.
	{	Gewina Lulu Snowball 1710 A. R. O. In 3 y. 9 m. 13 d., 13.727 lbs. fat.	{	Lottie Lass' Butter King 167 A. R.
				Gewina 2d's Lulu 1340 A. R. O. In 6 y. 1 m. 18 d., 16.311 lbs. fat.

Owned by E. E. Randall, Watertown, Wis.

[Entry of additional records. For description and previous records see Vol. XV, page 102.]

Second Official Butter Record: Dropped calf June 3, 1904, at 3 y. 2 m. 29 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 13.042 lbs. butter fat; milk 356.7 lbs.

Attested by Llewellyn R. Davies, Wisconsin Agricultural Experiment Station.

### NO. 3708. OLLIE WATSON 5TH'S PEARL 59175.

OLLIE WATSON 5th's PEARL 3708 A. R. O. In 4 y. 15 d., 11.719 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
				Pearl of the Dairy 13271.
	{	Ollie Watson 5th 1708 A. R. O. In 3 y. 10 m., 13.271 lbs. fat.	{	Lottie Lass' Butter King 167 A. R.
				Ollie Watson 28140.

Owned and bred by E. E. Randall, Watertown, Wis. Calved April 8, 1901.

Official Butter Record: Dropped calf June 11, 1904, at 3 y. 2 m. 3 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 10.428 lbs. butter fat; milk 322.1 lbs.

Attested by Llewellyn R. Davies, Wisconsin Agricultural Experiment Station.

Second Official Butter Record: Dropped calf April 23, 1905, at 4 y. 15 d. of age; commenced record May 6, 1905; closed record May 12; 7 days' production 11.719 lbs. butter fat; milk 361.7 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**NO. 3709. WISCONSIN BESS 4TH 59173.**

WISCONSIN BESS 4th 3709 A. R. O. In 3 y. 1 m., 11.709 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
				Pearl of the Dairy 13271.
	{	Wisconsin Bess 1989 A. R. O. In 7 y. 6 m. 18 d., 69.117 lbs. fat 30 d.	{	Van Beers Aaggie Netherland 24032.
				Wisconsin Belle 12016.

Owned and bred by E. E. Randall, Watertown, Wis. Calved May 6, 1901.

Official Butter Record: Dropped calf June 6, 1904, at 3 y. 1 m. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 11.709 lbs. butter fat; milk 352.5 lbs.

Attested by Llewellyn R. Davies, Wisconsin Agricultural Experiment Station.

**NO. 3710. GERSTER IDA MONK 2D 54634.**

GERSTER IDA MONK 2d 3710 A. R. O. In 4 y. 3 m. 11 d., 11.702 lbs. fat.	{	Sanesta 4th's Paul 25341.	{	Pauline Paul's Grandson's Clothilde 279 A. R.
				Sanesta 4th 41445.
	{	Gerster Ida Monk 47967.	{	Monk Lyons 21327.
				Gerster Ida 2d 41444.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved March 8, 1900.

Official Butter Record: Dropped calf June 19, 1904, at 4 y. 3 m. 11 d. of age; commenced record June 26, 1904; closed record July 2; 7 days' production 11.702 lbs. butter fat; milk 362.5 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 3711. VERBELLE LITTA 4TH'S FANCY 52181.**

VERBELLE LITTA 4th's FANCY 3711 A. R. O. In 4 y. 10 m. 20 d., 14.077 lbs. fat.	{	Monk Lyons 21327.	{	Lady Fay's Monk 17253.
				Lady of Lyons 240 A. R. P. In 2 y. 9 d., 8,761 5-16 lbs. milk 10 m.
	{	Verbelle Litla 4th 39559.	{	Pauline Paul's Grandson's Clothilde 279 A. R.
				Verbelle Litla 27705.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved July 22, 1899.

Official Butter Record: Dropped calf June 12, 1904, at 4 y. 10 m. 20 d. of age; commenced record June 25, 1904; closed record July 1; 7 days' production 14.077 lbs. butter fat; milk 459.8 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

#### NO. 3712. BIRDIE PIETERTJE 45943.

BIRDIE PIETERTJE 3712 A. R. O. In 7 y. 8 m. 20 d., 12.327 lbs. fat.	{	Alfride's Bettina Herbert 295 A. R.	{ Desdemona 3d's Bettina Herbert 25 W. Alfride 5809 H.
		Gracie Pietertje 905 W.	{ Sievia Keyes' Pietertje 13984. Irene of Kent 511.

Owned by A. N. McGeoch, Milwaukee, Wis. Bred by Gleason Breed, Galesburg, Ill. Calved September 10, 1896.

Official Butter Record: Dropped calf May 30, 1904, at 7 y. 8 m. 20 d. of age; commenced record June 11, 1904; closed record June 17; 7 days' production 12.327 lbs. butter fat; milk 352.5 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

#### NO. 3713. FRANKIE ORMSBY 64354.

FRANKIE ORMSBY 3713 A. R. O. In 2 y. 2 m. 7 d., 39.868 lbs. fat 30 d.	{	Sir Ormsby De Kol 299 A. R.	{ Piebe De Kol Burke 165 A. R. May Ormsby 1609 A. R. O. In 5 y. 8 m. 2 d., 12.171 lbs. fat.
		Frankie Melchior 3d 2367 A. R. O. In 2 y. 1 m. 18 d., 10.024 lbs. fat.	{ Sarcastic Lad 194 A. R. Frankie Melchior 33108.

Owned and bred by A. N. McGeoch, Milwaukee, Wis. Calved March 1, 1902.

Official Butter Record: Dropped calf May 8, 1904, at 2 y. 2 m. 7 d. of age; commenced record May 24, 1904; closed record May 30; 7 days' production 10.078 lbs. butter fat; milk 314.4 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf May 8, 1904, at 2 y. 2 m. 7 d. of age; commenced record May 17, 1904; closed record May 30; 30 days' production 39.868 lbs. butter fat; milk 1,256.1 lbs.

Attested by R. Elliot and O. J. Hanzlik, Wisconsin Agricultural Experiment Station.



**NO. 3714. LADY ORMSBY 64352.**

LADY ORMSBY 3714 A. R. O. In 2 y. 2 m. 1 d., 44.278 lbs. fat 30 d.	{	Sir Ormsby De Kol 299 A. R.	{	Piebe De Kol Burke 165 A. R.
		Duchess Ormsby 2d's Heng- erveld De Kol 2364 A. R. O. In 2 y. 1 m. 29 d., 15.212 lbs. fat.		May Ormsby 1609 A. R. O. In 5 y. 8 m. 2 d., 12.171 lbs. fat.
				Gem Pietertje Hengerveld Paul De Kol 155 A. R.
				Duchess Ormsby 2d 1613 A. R. O. In 6 y. 10 m. 22 d., 17.048 lbs. fat.

Owned and bred by A. N. McGeoch, Milwaukee, Wis. Calved March 19, 1902.

Official Butter Record: Dropped calf May 20, 1904, at 2 y. 2 m. 1 d. of age; commenced record June 12, 1904; closed record June 18; 7 days' production 11.550 lbs. butter fat; milk 325.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf May 20, 1904, at 2 y. 2 m. 1 d. of age; commenced record May 30; closed record June 28; 30 days' production 44.278 lbs. butter fat; milk 1,245.1 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

**NO. 3715. LISCOMB AAGGIE COLANTHA 63183.**

✓ LISCOMB AAGGIE COL- ANTHA 3715 A. R. O. In 2 y. 2 m. 15 d., 8.961 lbs. fat.	{	Colantha 4th's Lad 26940.	{	Sarcastic Lad 194 A. R.
		Liscomb Aaggie 4th 3449 A. R. O. In 5 y. 1 m. 8 d., 13.752 lbs. fat.		Colantha 4th 1206 A. R. O. In 6 y. 8 m. 5 d., 19.592 lbs. fat.
				Jewel of Home Farm 265 A. R.
				Liscomb Aaggie 28265.

Owned by A. N. McGeoch, Milwaukee, Wis. Bred by W. B. Barney, Hampton, Ia. Calved February 12, 1902.

Official Butter Record: Dropped calf April 27, 1904, at 2 y. 2 m. 15 d. of age; commenced record May 8, 1904; closed record May 15, 1904; 7 days' production 8.961 lbs. butter fat; milk 288.3 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**NO. 3716. TRITOMIA ORMSBY 62359.**

TRITOMIA ORMSBY 3716 A. R. O. In 2 y. 3 m. 5 d., 35.661 lbs. fat 30 d.	{	Sir Ormsby De Kol 299 A. R.	{	Piebe De Kol Burke 165 A. R.
		Aaltje Salo 5th's Tritomia 2d 38799.		May Ormsby 1609 A. R. O. In 5 y. 8 m. 2 d., 12.171 lbs. fat.
				Prince Inka Pietertje De Kol 21089.
				Aaltje Salo 5th's Tritomia 1607 A. R. O. In 8 y. 6 m. 18 d., 14.516 lbs. fat.

Owned and bred by A. N. McGeoch, Milwaukee, Wis. Calved February 23, 1902.

Official Butter Record: Dropped calf May 28, 1904, at 2 y. 3 m. 5 d. of age; commenced record June 7, 1904; closed record June 14; 7 days' production 9.074 lbs. butter fat; milk 296.7 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf May 28, 1904, at 2 y. 3 m. 5 d. of age; commenced record June 4, 1904; closed record July 3; 30 days' production 35.661 lbs. butter fat; milk 1,213.6 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

### DUCHESS HENGERVELD DE KOL 2836 A. R. O. 58178.

DUCHESS HENGERVELD DE KOL 2836 A. R. O. In 3 y. 1 m. 26 d., 49.537 lbs. fat 30 d.	{	Gem Pietertje Hengerveld Paul De Kol 155 A. R.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
				Maplecroft Gem 1851 A. R. O. In 5 y. 5 m. 11 d., 16.079 lbs. fat.
	{	Wit Duchess 1822 A. R. O. In 5 y. 5 m. 5 d., 19.904 lbs. fat.	{	Johanna Rue 2d's Paul De Kol 187 A. R.
				Duchess Netherland Wit 37610.

Owned by A. N. McGeoch, Milwaukee, Wis.

[Entry of additional records. For description and previous records see Vol. XIV, page 252, Vol. XV, page 414.]

Official Butter Record: Thirty consecutive days. Dropped calf April 15, 1904, at 3 y. 1 m. 26 d. of age; commenced record April 26, 1904; closed record May 26; 30 days' production 49.537 lbs. butter fat; milk 1,353 lbs.

Attested by R. Elliot and O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

### DUCHESS ORMSBY 2D'S QUEEN 2591 A. R. O. 48317.

DUCHESS ORMSBY 2d's QUEEN 2591 A. R. O. In 5 y. 6 m. 26 d., 129.566 lbs. fat 60 d.	{	Wartena Netherland Prince 128 A. R.	{	Iron Ajax 2662.
				Wartena's Netherland 34195.
	{	Duchess Ormsby 2d 1618 A. R. O. In 6 y. 10 m. 22 d., 17.048 lbs. fat.	{	Tritomia's Netherland's Carl 143 A. R.
				Duchess Ormsby 1432 A. R. O. In 9 y. 10 m. 14 d., 19.418 lbs. fat.

Owned by A. N. McGeoch, Milwaukee, Wis.

[Entry of additional records. For previous records see Vol. XIV, page 113, Vol. XV, page 368.]

Official Butter Record: Sixty consecutive days. Dropped calf March 21, 1904, at 5 y. 6 m. 26 d. of age; commenced record March 27, 1904; closed record May 25; 60 days' production 129.566 lbs. butter fat; milk 3,171.5 lbs.

Attested by Roy T. Harris, R. Elliot and O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### DORA ORMSBY 3406 A. R. O. 58464.

DORA ORMSBY 3406 A. R. O. In 3 y. 2 d., 46.924 lbs. fat 30 d.	{	Duchess Ormsby Prince 281 A. R.	{	Wartena Netherland Prince 128 A. R.
		Dora Dean Jewel 44508.		Duchess Ormsby 3d 2481 A. R. O. In 8 y. 2 m. 18 d., 63.037 lbs. fat 30 d.
			{	Sir Inka Pietertje 19172.
			{	Dora Dean 2925 H. H. B.

Owned by A. N. McGeoch, Milwaukee, Wis.

[Entry of additional records. For description and previous records see Vol. XV, page 341.]

Second Official Butter Record: Dropped calf April 15, 1904, at 3 y. 2 d. of age; commenced record May 1, 1904; closed record May 8; 7 days' production 11.579 lbs. butter fat; milk 356.5 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf April 15, 1904, at 3 y. 2 d. of age; commenced record April 24, 1904; closed record May 24; 30 days' production 46.924 lbs. butter fat; milk 1,456.3 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### NO. 3717. RIXA ORMSBY 64349.

RIXA ORMSBY 3717 A. R. O. In 2 y. 2 m. 22 d., 37.954 lbs. fat 30 d.	{	Sir Ormsby De Kol 299 A. R.	{	Piebe De Kol Burke 165 A. R.
				May Ormsby 1609 A. R. O. In 5 y. 8 m. 2 d., 12.171 lbs. fat.
	{	Rixa Hengerveld De Kol 2362 A. R. O. In 2 y. 1 m. 21 d., 9.531 lbs. fat.	{	Gem Pietertje Hengerveld Paul De Kol 155 A. R.
			{	Rixa Silva 3d's Pietertje 1614 A. R. O. In 8 y. 19 d., 15.970 lbs. fat.

Owned and bred by A. N. McGeoch, Milwaukee, Wis. Calved March 8, 1902.

Official Butter Record: Dropped calf May 20, 1904, at 2 y. 2 m. 22 d. of age; commenced record May 30, 1904; closed record June 5; 7 days' production 10.156 lbs. butter fat; milk 258.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf May 20, 1904, at 2 y. 2 m. 22 d. of age; commenced record May 30, 1904; closed record June 28; 30 days' production 37.954 lbs. butter fat; milk 1,118.6 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

**CANARY'S MERCEDES' BRIGHTEST 2110 A. R. O. 49131.**

CANARY'S MERCEDES' BRIGHTEST 2110 A. R. O. In 5 y. 4 m. 19 d., 69.808 lbs. fat 30 d.	Bewunde Champion 23711.	Canary's Mercedes' Royal Climax 200 A. R.
	Canary's Mercedes 1109 A. R. O. In 6 y. 8 m. 14 d., 20.129 lbs. fat.	Bewunde's Aaggie 1078 A. R. P. In 5 y. 7 m. 5 d., 29 lbs. 5 oz. butter by churn.  Antje Vriend's Mercedes Prince 88 A. R. Canary 4284 H.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 94, Vol. XV, page 397.]

Second Official Butter Record: Dropped calf March 10, 1904, at 5 y. 4 m. 19 d. of age; commenced record March 17, 1904; closed record March 24; 7 days' production 16.771 lbs. butter fat; milk 415.4 lbs.

Attested by Charles H. Kraatz and W. E. Ayers, Cornell University Agricultural Experiment Station.

**NO. 3718. MAGGIE BEETS LADY DE KOL 2D 64772.**

MAGGIE BEETS LADY DE KOL, 2d 3718 A. R. O. In 2 y. 1 m. 9 d., 10.747 lbs. fat.	Johanna Aaggie 2d's Lad 307 A. R.	Sarcastic Lad 194 A. R.  Johanna Aaggie 2d 1689 A. R. O. In 1 y. 11 m. 15 d., 10.297 lbs. fat.
	Maggie Beets Lady De Kol 2028 A. R. O. In 1 y. 10 m. 23 d., 8.943 lbs. fat.	Sir America Paul De Kol 24986. Maggie Beets 2134 A. R. O. In 4 y. 1 m. 1 d., 14.217 lbs. fat.

Owned and bred by A. F. Cole, Morrisville Station, N. Y. Calved May 20, 1902.

Official Butter Record: Dropped calf June 29, 1904, at 2 y. 1 m. 9 d. of age; commenced record July 7, 1904; closed record July 13; 7 days' production 10.747 lbs. butter fat; milk 323 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

**NO. 3719. COPIA HENGERVELD 2D 64773.**

COPIA HENGERVELD 2d 3719 A. R. O. In 2 y. 16 d., 10.225 lbs. fat.	Johanna Aaggie 2d's Lad 307 A. R.	Sarcastic Lad 194 A. R.  Johanna Aaggie 2d 1689 A. R. O. In 1 y. 11 m. 15 d., 10.297 lbs. fat.
	Copia Hengerveld 2512 A. R. O. In 2 y. 11 d., 11.471 lbs. fat.	Pietertje Hengerveld's Count De Kol 135 A. R. Copia 6th's Onyx 2513 A. R. O. In 5 y. 2 m. 15 d., 12.723 lbs. fat.

Owned and bred by A. F. Cole, Morrisville Station, N. Y. Calved June 13, 1902.

Official Butter Record: Dropped calf June 29, 1904, at 2 y. 16 d. of age; commenced record July 6, 1904; closed record July 13; 7 days' production 10.225 lbs. butter fat; milk 316 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

### NO. 3720. KORNDYKE WAYNE DE KOL 61581.

KORNDYKE WAYNE DE KOL 3720 A. R. O. In 1 y. 11 m. 13 d., 9.819 lbs. fat.	Beryl Wayne's Paul De Kol 306 A. R.	De Kol 2d's Paul De Kol 107 A. R.
		Beryl Wayne 1177 A. R. O. In 8 y. 10 m. 12 d., 22.293 lbs. fat.
	Korndyke Queen De Kol 1549 A. R. O. In 6 y. 7 m. 19 d., 349.636 lbs. fat 182½ d.	Manor De Kol 130 A. R.
		Belle Korndyke 1449 A. R. O. In 10 y. 9 m. 13 d., 20.615 lbs. fat.

Owned by Stevens Brothers, Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved June 17, 1902.

Official Butter Record: Dropped calf May 30, 1904, at 1 y. 11 m. 13 d. of age; commenced record June 7, 6 p. m., 1904; closed record June 14, 12 p. m.; 7 days' production 9.819 lbs. butter fat; milk 248.6 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

### GRACE PIETERTJE PAULINE DE KOL 1983 A. R. O. 42845.

GRACE PIETERTJE PAULINE DE KOL 1983 A. R. O. In 7 y. 1 m. 17 d., 16.854 lbs. fat.	Paul Beets De Kol 113 A. R.	De Kol 2d's Paul De Kol 107 A. R.
		Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
	Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d. 18.811 lbs. fat.	Inka Princess Pietertje Netherland 95 A. R.
		Aaggie Grace 2d 280 A. R. P. In 1 y. 11 m. 14 d., 397⅞ lbs. milk 10 d.

Owned by Henry Stevens & Son, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIII, pages 29 and 266.]

Third Official Butter Record: Dropped calf June 11, 1904, at 7 y. 1 m. 17 d. of age; commenced record June 26, 1904; closed record July 2; 7 days' production 16.854 lbs. butter fat; milk 455.2 lbs.



Official Butter Record: Fourteen consecutive days. Dropped calf June 11, 1904, at 7 y. 1 m. 17 d. of age; commenced record June 19, 1904; closed record July 2; 14 days' production 32.882 lbs. butter fat; milk 927.3 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

# **NO. 3721. GRACE PIETERTJE PAULINE DE KOL 3D 61837.**

GRACE PIETERTJE PAULINE DE KOL 3d 3721 A. R. O. In 2 y. 2 m. 7 d., 22.480 lbs. fat 14 d.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{	Manor De Kol 130 A. R.
		Grace Pietertje Pauline De Kol 1983 A. R. O. In 7 y. 1 m. 17 d., 16.854 lbs. fat.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	Paul Beets De Kol 113 A. R.
			{	Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved April 6, 1902.

Official Butter Record: Dropped calf June 13, 1904, at 2 y. 2 m. 7 d. of age; commenced record June 25, 1904; closed record July 1; 7 days' production 11.516 lbs. butter fat; milk 326.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf June 13, 1904, at 2 y. 2 m. 7 d. of age; commenced record June 20, 1904; closed record July 4; 14 days' production 22.480 lbs. butter fat; milk 632.2 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

# **ZORA DE KOL 2413 A. R. O. 51516.**

ZORA DE KOL 2413 A. R. O. In 4 y. 4 m. 25 d., 17.785 lbs. fat.	{	De Kol 2d's Paul De Kol 107 A. R.	{	Paul De Kol 97 A. R.
		Shadeland Zora 2d 1178 A. R. O. In 9 y. 4 m. 16 d., 69.333 lbs. fat 30 d.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	Shadeland Boon 2d's King 11999.
			{	Shadeland Zora 19863.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 268, Vol. XIV, page 269.]

Third Official Butter Record: Dropped calf May 29, 1904, at 4 y. 4 m. 25 d. of age; commenced record June 4, 10 p. m., 1904; closed record June 11, 4 p. m.; 7 days' production 17.785 lbs. butter fat; milk 518 lbs.

Attested by G. M. Wilcox, Cornell University Agricultural Experiment Station.

**NO. 3722. AAGGIE BELLE DE KOL 57580.**

	{	Paul De Kol Jr. 346 A. R.	{	Paul De Kol 97 A. R.
AAGGIE BELLE DE KOL 3722 A. R. O. In 3 y. 3 m., 21.822 lbs. fat 14 d.		Belle of Schillaard 3d's Aag- gie 1354 A. R. O. In 3 y. 11 m. 19 d., 10.648 lbs. fat.		Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 24 d., 176.420 lbs. fat 60 d.
			{	Aaggie Netherland O. 19508.
			{	Belle of Schillaard 3d 1564 A. R. O. In 9 y. 5 m. 10 d., 12.567 lbs. fat.

Owned and bred by W. A. Matteson, Utica, N. Y. Calved March 16, 1901.

Official Butter Record: Dropped calf June 16, 1904, at 3 y. 3 m. of age; commenced record June 27, 1904; closed record July 4; 7 days' production 11.181 lbs. butter fat; milk 330.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf June 16, 1904, at 3 y. 3 m. of age; commenced record June 24, 1904; closed record July 8; 14 days' production 21.822 lbs. butter fat; milk 661.1 lbs.

Attested by G. M. Wilcox, Cornell University Agricultural Experiment Station.

**NO. 3723. NETHERLAND GEM 51866.**

NETHERLAND GEM 3723 A. R. O. In 9 y. 2 m. 15 d., 14.496 lbs. fat.	{	Netherland Statesman's Ideal 20521.	{	Netherland Statesman 38 A. R.	
		{	Aaggie Idaline 2d 48 A. R. P In 6 y. 2 m. 10 d., 15 9-32 lbs. butter by churn.		
			Bessie La Polka 2d 42995.	{	Sir Duke Aaggie 15352.
					{

Owned by E. S. I. Meredith, Cazenovia, N. Y. Bred by George H. Ensign, Nelson, N. Y. Calved April 2, 1895.

Official Butter Record: Dropped calf June 17, 1904, at 9 y. 2 m. 15 d. of age; commenced record July 7, 9 p. m., 1904; closed record July 14, 1 p. m.; 7 days' production 14.496 lbs. butter fat; milk 527.1 lbs.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

**NO. 3724. JANE HENGERVELD DE KOL 54084.**

JANE HENGERVELD DE KOL 3724 A. R. O. In 4 y. 1 m. 12 d., 23.026 lbs. fat 14 d.	{	Calamity Jane's Paul 146 A. R.	{	Sir Paul De Kol Clothilde 174 A. R.
			{	Calamity Jane 1311 A. R. O. In 7 y. 10 m. 11 d., 20.041 lbs. fat.
		Pietertje Hengerveld's Lady De Kol 1231 A. R. O. In 5 y. 2 m. 2 d., 13.523 lbs. fat.	{	De Kol 2d's Netherland 118 A. R.
	✓		{	Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved April 21, 1900.

Official Butter Record: Dropped calf June 3, 1904, at 4 y. 1 m. 12 d. of age; commenced record June 18, 5 p. m., 1904; closed record June 25, 11 a. m.; 7 days' production 12.123 lbs. butter fat; milk 399.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf June 3, 1904, at 4 y. 1 m. 12 d. of age; commenced record June 11, 5 a. m., 1904; closed record June 25, 11 a. m.; 14 days' production 23.026 lbs. butter fat; milk 766 lbs.

Attested by A. D. Senn, Cornell University Agricultural Experiment Station.

#### NO. 3725. GAASTERLANDER 4TH 70873.

GAASTERLANDER 4th 3725 A. R. O. In 2 y. 1 m. 18 d., 7.528 lbs. fat.	}	Maseppa 2500 F. H. B.       Gaasterlander 4708 A. F. H. B.
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Owned by Henry Stevens & Son, Lacona, N. Y. Bred by D. J. de Jong, Idaard, Friesland. Calved April 13, 1902.

Official Butter Record: Dropped calf May 31, 1904, at 2 y. 1 m. 18 d. of age; commenced record June 11, 11 a. m., 1904; closed record June 18, 5 a. m.; 7 days' production 7.528 lbs. butter fat; milk 209.3 lbs.

Attested by A. D. Senn, Cornell University Agricultural Experiment Station.

#### NO. 3726. MEIBLOEM 3D 70881.

MEIBLOEM 3d 3726 A. R. O. In 2 y. 19 d., 7.994 lbs. fat.	}	Maseppa 2500 F. H. B.       Meibloem 5334 A. F.
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Owned by Henry Stevens & Son, Lacona, N. Y. Bred by D. J. de Jong, Idaard, Friesland. Calved May 8, 1902.

Official Butter Record: Dropped calf May 27, 1904, at 2 y. 19 d. of age; commenced record June 11, 11 a. m., 1904; closed record June 18, 5 a. m.; 7 days' production 7.994 lbs. butter fat; milk 238.9 lbs.

Attested by A. D. Senn, Cornell University Agricultural Experiment Station.

**WYNETTA PRINCESS 2504 A. R. O. 50972.**

WYNETTA PRINCESS  
2504 A. R. O. In 5 y. 14  
d., 15.921 lbs. fat.

{ Bijou Prince 217 A. R.

{ Beauty Prince 9355.

{ Lady Kathleen 22913.

{ Lily Wiarda 2d 40071.

{ Romeo Aaggie 213 A. R.

{ Lily Wiarda 38761.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol XIV, page 64.]

Second Official Butter Record: Dropped calf July 12, 1904, at 5 y. 14 d. of age; commenced record July 22, 1904; closed record July 28; 7 days' production 15.921 lbs. butter fat; milk 429.8 lbs.

Attested by Oley L. Coke, California Agricultural Experiment Station.

**NO. 3727. DUCHESS DE DIKKERT 54602.**

DUCHESSE DE DIKKERT  
3727 A. R. O. In 4 y. 4  
m. 17 d., 13.083 lbs. fat.

{ Jack Hinton 27798.

{ Nick Netherland 27794.

{ Netherland Statesman's Clara  
8472.

{ De Dikkert 3d's Clothilde 2d  
42736.

{ Piersmaretta Queen's De Kol  
22091.

{ De Dikkert 3d's Clothilde  
33382.

Owned and bred by F. W. Allis, Madison, Wis. Calved December 13, 1899.

Description: Age, 4 y. 5 m. 3 d.; milk and beef form; head, proportionate, symmetrical; neck, medium, level; chine, slightly swayed; loin and hips, fairly strong, slightly rounded; rump, moderately high, slightly sloping; escutcheon, very large, fine quality; mammary veins, fair size; quarters of udder even; teats, cone shaped; handling, superior; secretions of skin, good, oily; general appearance, very vigorous, very fine, stylish; height, shoulders 53.5 inches, hips 53; length, body 59, rump 18; width, hips 21.5, thurl 10.5; girth, 75.5; weight, 1,150 lbs.; examiner, J. C. Brown; examined May 16, 1904.

Official Butter Record: Dropped calf April 30, 1904, at 4 y. 4 m. 17 d. of age; commenced record May 7, 1904; closed record May 13; 7 days' production 13.083 lbs. butter fat; milk 303.7 lbs.

Attested by J. C. Brown, Wisconsin Agricultural Experiment Station.

**NO. 3728. AAGGIE EMMA DE KOL 59598.**

AAGGIE EMMA DE KOL 3728 A. R. O. In 4 y. 3 m. 14 d., 10.950 lbs. fat.	{	Gilbert Pauline Paul De Kol 27796.	{	Pauline Paul's De Kol 180 A. R.
		Aaggie Lotta 3d's Emma 54593.		Bessie Clothilde 3d 40949.
			{	Nick Netherland 27794.
				Aaggie Lotta 3d 11796.

Owned and bred by F. W. Allis, Madison, Wis. Calved January 19, 1900.

Description: Age, 4 y. 4 m. 2 d.; milk and beef form; head, small, symmetrical; neck, medium, level; chine, straight, fairly broad; loin and hips, strong, level; rump, low, sloping; escutcheon, good, fine; mammary veins, very large, crooked; quarters of udder capacious, even; handling, superior; secretions of skin, abundant, oily; general appearance, very vigorous, fair style; height, shoulders 55 inches, hips 57; length, body 64, rump 22; width, hips 24, thurl 11; girth, 78; weight, 1,300 lbs.; examiner, J. C. Brown; examined May 21, 1904.

Official Butter Record: Dropped calf May 3, 1904, at 4 y. 3 m. 14 d. of age; commenced record May 14, 1904; closed record May 21; 7 days' production 10.950 lbs. butter fat; milk 306.3 lbs.

Attested by J. C. Brown, Wisconsin Agricultural Experiment Station.

**NO. 3729. LADY INDI 55030.**

LADY INDI 3729 A. R. O. In 7 y. 2 m. 23 d., 12.486 lbs. fat.	{	Nick Netherland 27794.	{	Netherland Carl 16 A. R.
		Indi W. 2531.		Lakeside Hester 9981 H.
			{	Lad of Prescott 2389 H.
				Indi 2d 3650 H.

Owned and bred by F. W. Allis, Madison, Wis. Calved February 10, 1897.

Description: Age, 7 y. 3 m. 6 d.; milk form; head, proportionate, symmetrical; neck, medium, slightly drooping; chine, level, fairly broad; loin and hips, strong, level; rump, high, level; escutcheon, good size, fine quality; mammary veins, medium length, fair size; udder, fine quality, quarters even; teats, well formed; handling, superior; secretions of skin, abundant, oily; general appearance, vigorous, good style; height, shoulders 52 inches, hips 53; length, body 64, rump 21; width, hips 22.5; girth 73; examiner, J. C. Brown; examined May 16, 1904.

Official Butter Record: Dropped calf May 3, 1904, at 7 y. 2 m. 23 d. of age; commenced record May 10, 1904; closed record May 16; 7 days' production 12.486 lbs. butter fat; milk 337 lbs.

Attested by J. C. Brown, Wisconsin Agricultural Experiment Station.



**NO. 3730. MAY HARTOG OF BROOKSIDE 2D 56516.**

MAY HARTOG OF BROOKSIDE 2d 3730 A. R. O. In 3 y. 10 m. 10 d., 11.818 lbs. fat.	{	Pauline Paul 2d's Count 190 A. R.	{	Count Paul De Kol 324 A. R.
				Pauline Paul 2d 31477.
	{	May Hartog of Brookside 1174 A. R. O. In 3 y. 4 m. 23 d., 14.609 lbs. fat.	{	Kate H.'s Hartog 14881.
				May Hartog 9702.

Owned and bred by H. D. Roe, Augusta, N. J. Calved August 21, 1900.

Official Butter Record: Dropped calf July 1, 1904, at 3 y. 10 m. 10 d. of age; commenced record July 16, 1904; closed record July 22; 7 days' production 11.818 lbs. butter fat; milk 334.9 lbs.

Attested by Charles W. Chappel, New Jersey Agricultural Experiment Station.

**LILLY GEWINA 2678 A. R. O. 59178.**

LILLY GEWINA 2678 A. R. O. In 3 y. 4 m. 5 d., 14.239 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
				Pearl of the Dairy 13271.
	{	Gewina 2d's Lilly 40124.	{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
				Gewina 2d 32217.

Owned by E. E. Randall, Watertown, Wis.

[Entry of additional records. For description and previous records see Vol. XIV, page 157.]

Second Official Butter Record: Dropped calf November 7, 1903, at 2 y. 4 m. 3 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 9.364 lbs. butter fat; milk 287.5 lbs.

Attested by Llewellyn R. Davies, Wisconsin Agricultural Experiment Station.

Third Official Butter Record: Dropped calf November 9, 1904, at 3 y. 4 m. 5 d. of age; commenced record November 16, 1904; closed record November 22; 7 days' production 14.239 lbs. butter fat; milk 381.5 lbs..

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

**NO. 3731. GLISTA IOTA 58202.**

GLISTA IOTA 3731 A. R. O. In 2 y. 6 m. 29 d., 10.723 lbs. fat.	{	Earl Korndyke De Kol 253 A. R.	{	De Kol's Pietertje 21033.
				Belle Korndyke 1449 A. R. O. In 10 y. 9 m. 13 d., 20.615 lbs. fat.
	{	Glsta De Kol 2207 A. R. O. In 4 y. 7 m. 17 d., 15.930 lbs. fat.	{	Sir Beets De Kol 21422.
				Glsta Netherland 32442.

Owned and bred by Cornell University, Ithaca, N. Y. Calved December 27, 1901.

Official Butter Record: Dropped calf July 26, 1904, at 2 y. 6 m. 29 d. of age; commenced record August 1, 1904; closed record August 8; 7 days' production 10.723 lbs. butter fat; milk 270.3 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

### NO. 3732. GLISTA THETA 58201.

GLISTA THETA 3732 A. R. O. In 2 y. 8 m. 5 d., 8.385 lbs. fat.	{	Earl Korndyke De Kol 253 A. R.	{	De Kol's Pietertje 21033. Belle Korndyke 1449 A. R. O. In 10 y. 9 m. 13 d., 20.615 lbs. fat.
		Glista 4th 31408.		Netherland Remus 6276. Glista 7857.

Owned and bred by Cornell University, Ithaca, N. Y. Calved November 25, 1901.

Official Butter Record: Dropped calf July 30, 1904, at 2 y. 8 m. 5 d. of age; commenced record August 5, 1904; closed record August 12; 7 days' production 8.385 lbs. butter fat; milk 243.6 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

### NO. 3733. INDULGE DE KOL 54293.

INDULGE DE KOL 3733 A. R. O. In 9 y. 9 m. 4 d. 13.708 lbs. fat.	{	Lucia Artis De Kol 17506.	{	De Kol 2d's Netherland 118 A. R. Lucia Artis 657 A. R. P. In 4 y. 11 m. 4 d., 22 11-32 lbs. butter by churn.
		Indulge 3d 18236.		Aaggie Flora's Banjo 2093. Indulge 4214 H.

Owned and bred by Brattleboro Retreat Farm, Brattleboro, Vt. Calved July 29, 1894.

Official Butter Record: Dropped calf May 3, 1904, at 9 y. 9 m. 4 d. of age; commenced record August 11, 1904; closed record August 17; 7 days' production 13.708 lbs. butter fat; milk 349.7 lbs.

Attested by Frank G. Helyar, Vermont Agricultural Experiment Station.

**WAYNE PARTHENEIA 2275 A. R. O. 46358.**

WAYNE PARTHENEIA 2275 A. R. O. In 7 y. 2 m. 21 d., 15.450 lbs. fat.	{	Abbekerk Artis Sir Parthenea 22645.	{	Parthenea's Sir Henry 248 A. R.
				Parana Abbekerk 6th 30450.
	{	Dockumer 6th's Wayne 927 W.	{	Sabra 2d's Chief of Wayne 18486.
				Dockumer 6th's Duchess 28338.

Owned by Milton E. Moore, Cameron, Mo.

[Entry of additional records. For previous records see Vol. XIII, page 190.]

Second Official Butter Record: Dropped calf July 23, 1904, at 7 y. 2 m. 21 d. of age; commenced record August 3, 1904; closed record August 9; 7 days' production 15.450 lbs. butter fat; milk 573.1 lbs.

Attested by William F. Dewalt, Missouri Agricultural Experiment Station.

**NO. 3734. BUCKEYE LASS 4TH'S MAID 58433.**

BUCKEYE LASS 4th's MAID 3734 A. R. O. In 2 y. 11 m., 9.524 lbs. fat.	{	Ophelia 7th's Monk 284 A. R.	{	Monk Lyons 21327.
				Ophelia 7th 36875.
	{	Buckeye Lass 4th 43791.	{	Monk Lyons 21327.
				Buckeye Lass 30999.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved August 28, 1901.

Official Butter Record: Dropped calf July 28, 1904, at 2 y. 11 m. of age; commenced record August 11, 1904; closed record August 17; 7 days' production 9.524 lbs. butter fat; milk 346.4 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**PRINCESS CALAMITY JANE COLANTHA 2985 A. R. O. 58893.**

PRINCESS CALAMITY JANE COLANTHA 2985 A. R. O. In 3 y. 1 m. 8 d., 14.113 lbs. fat.	{	Calamity Jane's Paul 146 A. R.	{	Sir Paul De Kol Clothilde 174 A. R.
				Calamity Jane 1311 A. R. O. In 7 y. 10 m. 11 d., 20.041 lbs. fat.
	{	Woodland Princess Belle Colanthus 43817.	{	Colanthus De Vries 19669.
				Woodland Princess Belle 33702.

Owned by J. B. Marcou, Princeton, Mass.

[Entry of additional records. For previous records see Vol. XV, page 94.]

Third Official Butter Record: Dropped calf July 31, 1904, at 3 y. 1 m. 8 d. of age; commenced record August 18, 1904; closed record August 24; 7 days' production 14.113 lbs. butter fat; milk 295.2 lbs.

Attested by John F. Lyman, Hatch (Mass.) Agricultural Experiment Station.

**NO. 3735. SHADYBROOK GERBEN PARTHENEIA 4TH 64125.**

SHADYBROOK GERBEN PARTHENEIA 4th 3735 A. R. O. In 1 y. 8 m. 13 d., 14.291 lbs. fat.	{	Beryl Wayne's Paul De Kol 306 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				Beryl Wayne 1177 A. R. O. In 8 y. 10 m. 12 d., 22.298 lbs. fat.
	{	Shadybrook Gerben Par- theneia 2118 A. R. O. In 5 y. 6 m. 4 d., 12.923 lbs. fat.	{	Sir Henry Partheneia 475 W.
				Shadybrook Gerben 1323 A. R. O. In 6 y. 9 m. 8 d., 18.610 lbs. fat.

Owned by J. B. Marcou, Princeton, Mass. Bred by Henry Stevens & Son, Lacona, N. Y. Calved November 24, 1902.

Official Butter Record: Dropped calf August 7, 1904, at 1 y. 8 m. 13 d. of age; commenced record August 18, 1904; closed record August 24; 7 days' production 14.291 lbs. butter fat; milk 210.5 lbs.

Attested by John F. Lyman, Hatch (Mass.) Agricultural Experiment Station.

**NO. 3736. EMMA WAYNE 2D 71321.**

EMMA WAYNE 2d 3736 A. R. O. In 6 y. 7 m. 5 d., 12.324 lbs. fat.	{	Dulce Aaggie Wayne 21721.	{	Aaggie 3d's Champion 11136.
				Dulce 1534 D. F.
	{	Emma Wayne 37337.	{	Wolverinus 14351.
				Couperus Emma 8th 975 D. F.

Owned by George Rice, Tillsonburg, Ont. Bred by Charles E. Parker, Howell, Mich.; Calved October 20, 1897.

Official Butter Record: Dropped calf May 25, 1904, at 6 y. 7 m. 5 d. of age; commenced record June 19, 1904; closed record June 25; 7 days' production 12.324 lbs. butter fat; milk 342.1 lbs.

Attested by Edgar I. Johnson, Ontario Agricultural Experiment Station.

**NO. 3737. DE KOL PAUL SADIE VALE 64766.**

DE KOL PAUL SADIE VALE 3737 A. R. O. In 2 y. 1 m. 6 d., 10.209 lbs. fat.	{	Homestead Hengerveld De Kol Paul 339 A. R.	{	Paul De Kol Jr. 346 A. R.
				Inka De Kol Hengerveld 46762.
	{	Dulcet's Dora 3319 A. R. O. In 11 y. 2 m. 13 d., 13.269 lbs. fat.	{	May Evening's Barrington 16949.
				Dulcet 8690.

Owned and bred by M. S. Nye, Preble, N. Y. Calved June 25, 1902.

Official Butter Record: Dropped calf July 31, 1904, at 2 y. 1 m. 6 d. of age; commenced record August 11, 1904; closed record August 17; 7 days' production 10.209 lbs. butter fat; milk 274.9 lbs.

Attested by F. J. Porter, Cornell University Agricultural Experiment Station.

**NO. 3738. DORA DOT ONONIS 53690.**

DORA DOT ONONIS 3738 A. R. O. In 4 y. 8 m. 14 d., 12.406 lbs. fat.	{	Sir Netherland Triumph 23931.	{	Sir Ononis Netherland 300 A. R.
				Maud Pietertje 32328.
	{	Dora Dot 3740 A. R. O. In 6 y. 7 m. 4 d., 14.276 lbs. fat.	{	Lutske Sir Henry 22922.
				Dulcet's Dora 3319 A. R. O. In 11 y. 2 m. 13 d., 13.269 lbs. fat.

Owned and bred by M. S. Nye, Preble, N. Y. Calved November 15, 1899.

Official Butter Record: Dropped calf July 29, 1904, at 4 y. 8 m. 14 d. of age; commenced record August 11, 1904; closed record August 17; 7 days' production 12.406 lbs. butter fat; milk 478.3 lbs.

Attested by F. J. Porter, Cornell University Agricultural Experiment Station.

**NO. 3739. BARRINGTON DAISY 47242.**

✓ BARRINGTON DAISY 3739 A. R. O. In 6 y. 6 m. 23 d., 16.110 lbs. fat.	{	Dulcet's Dora's Barrington 22288.	{	Bennington Prince 20338.
				Dulcet's Dora 3319 A. R. O. In 11 y. 2 m. 13 d., 13.269 lbs. fat.
	{	Dael 20001.	{	Aaggie Hattie's Ducus 2976.
				Dulcet's Dusky 8972.

Owned and bred by M. S. Nye, Preble, N. Y. Calved December 10, 1897.

Official Butter Record: Dropped calf July 3, 1904, at 6 y. 6 m. 23 d. of age; commenced record August 11, 1904; closed record August 17; 7 days' production 16.110 lbs. butter fat; milk 510.5 lbs.

Attested by F. J. Porter, Cornell University Agricultural Experiment Station.



**ONONIS MONARCH DE KOL 3072 A. R. O. 61551.**

ONONIS MONARCH DE KOL 3072 A. R. O. In 2 y. 9 m. 29 d., 11.234 lbs. fat.	{	Homestead Monarch De Kol 25864.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
			{	Shadeland Angie 1348 A. R. O. In 9 y. 2 m. 24 d., 13.974 lbs. fat.
		Dora Dot Ononis 3738 A. R. O. In 4 y. 8 m. 14 d., 12.406 lbs. fat.	{	Sir Netherland Triumph 23931.
			{	Dora Dot 3740 A. R. O. In 6 y. 7 m. 4 d., 14.276 lbs. fat.

Owned by M. S. Nye, Preble, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 146.]

Second Official Butter Record: Dropped calf August 4, 1904, at 2 y. 9 m. 29 d. of age; commenced record August 12, 1904; closed record August 18; 7 days' production 11.234 lbs. butter fat; milk 373 lbs.

Attested by F. J. Porter, Cornell University Agricultural Experiment Station.

**NO. 3740. DORA DOT 47238.**

DORA DOT 3740 A. R. O. In 6 y. 7 m. 4 d., 14.276 lbs. fat.	{	Lutscke Sir Henry 22922.	{	Prince Lutscke Colanthus 20254.
			{	Dulcet's Dora 3319 A. R. O. In 11 y. 2 m. 13 d., 13.269 lbs. fat.
		Dulcet's Dora 3319 A. R. O. In 11 y. 2 m. 13 d., 13.269 lbs. fat.	{	May Evening's Barrington 16949.
			{	Dulcet 8690 H.

Owned and bred by M. S. Nye, Preble, N. Y. Calved December 24, 1897.

Official Butter Record: Dropped calf July 28, 1904, at 6 y. 7 m. 4 d. of age; commenced record August 11, 1904; closed record August 18; 7 days' production 14.276 lbs. butter fat; milk 467.4 lbs.

Attested by F. J. Porter, Cornell University Agricultural Experiment Station.

**DE KOL OF VALLEY MEAD 2538 A. R. O. 51218.**

DE KOL OF VALLEY MEAD 2538 A. R. O. In 5 y. 4 m. 23 d., 77.160 lbs. fat 30 d.	{	De Kol 2d's Alban 114 A. R.	{	Netherland Alban '34 A. R.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Lady Valencia 63824.	{	Prince Opperdoes 387 H.
			{	Detmara 3147 H.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XIV, page 84.]

Second Official Butter Record: Dropped calf July 11, 1904, at 5 y. 4 m. 23 d. of age; commenced record August 1, 1904; closed record August 7; 7 days' production 18.660 lbs. butter fat; milk 577.6 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf July 11, 1904, at 5 y. 4 m. 23 d. of age; commenced record July 18, 1904; closed record August 16; 30 days' production 77.160 lbs. butter fat; milk 2,321.9 lbs.

Attested by Oley L. Coke, California Agricultural Experiment Station.

**HARTOG NETHERLAND INKA PIETERTJE 1595 A. R. O. 44781.**

HARTOG NETHERLAND INKA PIETERTJE 1595 A. R. O. In 6 y. 9 m. 21 d., 63.968 lbs. fat 30 d.	{	Inka Princess Pietertje Pledge 40 A. R.	{	Inka Pledge 20620.
		Hartog Netherland 28457.		Inka Princess 867 A. R. P. In 1 y. 11 m. 10 d., 15 lbs. 10 oz. butter by churn.
			{	Inka's Pietertje Netherland 119 A. R.
			{	Patty's Pet 1256 A. R. O. In 11 y. 2 d., 16.207 lbs. fat.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XI, page 37, Vol. XII, page 128.]

Third Official Butter Record: Dropped calf July 9, 1904, at 6 y. 9 m. 21 d. of age; commenced record July 15, 1904; closed record July 21; 7 days' production 16.421 lbs. butter fat; milk 455.8 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf July 9, 1904, at 6 y. 9 m. 21 d. of age; commenced record July 15, 1904; closed record August 13; 30 days' production 63.968 lbs. butter fat; milk 1,941.1 lbs.

Attested by G. M. Wilcox, Cornell University Agricultural Experiment Station.

**NO. 3741. LEAH VEEMAN PRINCESS 63293.**

LEAH VEEMAN PRIN- CESS 3741 A. R. O. In 2 y. 4 m. 1 d., 45.753 lbs. fat 30 d.	{	Homestead Crown Prince De Kol 25865.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
		Leah Veeman 4th 1356 A. R. O. In 3 y. 1 m. 24 d., 11.908 lbs. fat.		Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.
			{	Jewel Echo's Sir Henry 18445.
			{	Leah Veeman 895 A. R. P. In 2 y. 1 m. 6 d., 8,100 lbs. milk 10 m.

Owned and bred by W. A. Matteson, Utica, N. Y. Calved February 20, 1902.

Official Butter Record: Dropped calf June 21, 1904, at 2 y. 4 m. 1 d. of age; commenced record July 11, 1904; closed record July 18; 7 days' production 11.692 lbs. butter fat; milk 367.8 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf June 21, 1904, at 2 y. 4 m. 1 d. of age; commenced record July 1, 1904; closed record July 31; 30 days' production 45.753 lbs. butter fat; milk 1,440.1 lbs.

Attested by G. M. Wilcox, Cornell University Agricultural Experiment Station.

**NO. 3742. RUBY SHADELAND COIN PET DE KOL 63593.**

<b>RUBY SHADELAND COIN</b> <b>PET DE KOL 3742 A. R.</b> O. In 1 y. 11 m. 8 d., 9.469 lbs. fat.	{	Spooner De Kol 25416.	{	Count Akkrum De Kol 22447.
				Bessie Spooner 42694.
	{	Shadeland Coin's Pet 2d 52063.	{	Lamb De Kol Pietertje 218 A. R.
				Shadeland Coin's Pet 42801.

Owned and bred by A. G. Ingalls, East Hamilton, N. Y. Calved March 2, 1902.

Official Butter Record: Dropped calf February 10, 1904, at 1 y. 11 m. 8 d. of age; commenced record February 19, 1904; closed record February 26; 7 days' production 9.469 lbs. butter fat; milk 281.6 lbs.

Attested by F. R. Barnard, Cornell University Agricultural Experiment Station.

**NO. 3743. LADY POSTMA 2D A. 54433.**

<b>LADY POSTMA 2d A. 3743</b> A. R. O. In 4 y. 5 m. 29 d., 11.751 lbs. fat.	{	Admiral De Kol 216 A. R.	{	De Kol 2d's Alban 114 A. R.
				Meadow Lily 5th's De Kol 30167.
	{	Lady Postma 2d 39045.	{	Gelsche's Hamilton 18179.
				Lady Postma 631 D. F.

Owned by T. A. Mitchell, Weedsport, N. Y. Bred by Charles A. Wheeler, Deposit, N. Y. Calved January 8, 1900.

Official Butter Record: Dropped calf July 7, 1904, at 4 y. 5 m. 29 d. of age; commenced record August 9, 1904; closed record August 16; 7 days' production 11.751 lbs. butter fat; milk 385.5 lbs.

Attested by G. Arthur Bell, Cornell University Agricultural Experiment Station.

**NO. 3744. VELOX 56733.**

VELOX 3744 A. R. O. In 3 y. 4 m. 20 d., 9.198 lbs. fat.	{	Iolena Fairmount's Statesman 271 A. R.	{	Aaggie Beauty 2d's Statesman 131 A. R.
				Iolena Fairmount 15544.
	{	Minnie Hollander 33313.	{	Hollander 2d's Sir Henry 138 A. R.
				Minnehomet 3918.

Owned by W. B. Smith & Son, Columbus, O. Bred by Bower Brothers, Athens, O. Calved March 17, 1901.

Official Butter Record: Dropped calf August 7, 1904, at 3 y. 4 m. 20 d. of age; commenced record August 16, 1904; closed record August 22; 7 days' production 9.198 lbs. butter fat; milk 309 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3745. WELL MUSSED 56736.**

WELL MUSSED 3745 A. R. O. In 3 y. 1 m. 2 d., 10.615 lbs. fat.	{	Iolena Fairmount's Statesman 271 A. R.	{	Aaggie Beauty 2d's Statesman 131 A. R.
				Iolena Fairmount 15544.
	{	Mussed Up 2644 A. R. O. In 3 y. 3 m. 22 d., 10.130 lbs. fat.	{	Eunice Clay's Sir Henry 222 A. R.
				Musser 34574.

Owned by W. B. Smith & Son, Columbus, O. Bred by Bower Brothers, Athens, O. Calved June 27, 1901.

Official Butter Record: Dropped calf July 29, 1904, at 3 y. 1 m. 2 d. of age; commenced record August 16, 1904; closed record August 22; 7 days' production 10.615 lbs. butter fat; milk 363.2 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3746. WE SAID 61239.**

✓ WE SAID 3746 A. R. O. In 2 y. 8 m. 13 d., 8.281 lbs. fat.	{	Clyde Paul De Kol 310 A. R.	{	Paul De Kol 97 A. R.
				Kittie Clyde 2d's Coral 1440 A. R. O. In 6 y. 4 m. 19 d., 19.504 lbs. fat.
✓	{	We Repeat 1454 A. R. O. In 3 y. 10 m. 3 d., 13.084 lbs. fat.	{	Aaggie Beauty 2d's Statesman 131 A. R.
				Nattie Maid 1455 A. R. O. In 5 y. 9 m. 6 d., 14.937 lbs. fat.

Owned and bred by W. B. Smith & Son, Columbus, O. Calved November 23, 1901.

Official Butter Record: Dropped calf August 6, 1904, at 2 y. 8 m. 13 d. of age; commenced record August 16, 1904; closed record August 22; 7 days' production 8.281 lbs. butter fat; milk 262.6 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 3747. HARTOG PIETERTJE JOHANNA 64771.**

HARTOG PIETERTJE JOHANNA 3747 A. R. O. In 2 y. 12 d., 46.369 lbs. fat 30 d.	{	Johanna Aaggie 2d's Lad 307 A. R.	{	Sarcastic Lad 194 A. R.
		Hartog Pietertje Netherland 1291 A. R. O. In 4 y. 10 m. 13 d., 16.050 lbs. fat.		Johanna Aaggie 2d 1689 A. R. O. In 1 y. 11 m. 15 d., 10.297 lbs. fat.
				Inka's Pietertje Netherland 119 A. R.
				Patty's Pet 1256 A. R. O. In 11 y. 2 d., 16.207 lbs. fat.

Owned and bred by A. F. Cole, Morrisville Station, N. Y. Calved May 31, 1902.

Official Butter Record: Dropped calf June 13, 1904, at 2 y. 12 d. of age; commenced record June 20, 1904; closed record June 26; 7 days' production 11.496 lbs. butter fat; milk 356.5 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf June 13, 1904, at 2 y. 12 d. of age; commenced record June 19, 1904; closed record July 19; 30 days' production 46.369 lbs. butter fat; milk 1,485.4 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

**MINNIE SANDES 2D 1685 A. R. O. 49318.**

MINNIE SANDES 2d 1685 A. R. O. In 6 y. 2 m. 3 d., 29.671 lbs. fat 14 d.	{	De Kol Burke 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Minnie Sandes 41723.		Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
				Aaltje Salo 3d's Tritomia Netherland 121 A. R.
				Wild Rose Jones 28773.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XI, page 82, Vol. XII, page 136, Vol. XIII, page 32.]

Fourth Official Butter Record: Dropped calf July 23, 1904, at 6 y. 2 m. 3 d. of age; commenced record August 6, 8 p. m., 1904; closed record August 13, 12 m.; 7 days' production 15.517 lbs. butter fat; milk 540.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf July 23, 1904, at 6 y. 2 m. 3 d. of age; commenced record July 30, 8 p. m., 1904; closed record August 13, 12 m.; 14 days' production 29.671 lbs. butter fat; milk 941.3 lbs.

Attested by G. M. Wilcox, Cornell University Agricultural Experiment Station.



**NO. 3748. AAGGIE NETHERLAND HENGERVELD 60899.**

AAGGIE NETHERLAND HENGERVELD 3748 A. R. O. In 2 y. 2 m. 8 d., 9.280 lbs. fat.	{	Brookside Hengerveld Paul 26029.	{	Mutual Friend 3d's Paul 148 A. R.
		Inka Pietertje Netherland Aaggie 26725.		Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.
			{	Aaggie Leila's Prince 4419 H.
			{	Inka 6th's Queen Pietertje 17791.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by Estate of Henry Wisler, Columbia, Pa. Calved June 3, 1902.

Official Butter Record: Dropped calf August 11, 1904, at 2 y. 2 m. 8 d. of age; commenced record August 18, 1904; closed record August 24; 7 days' production 9.280 lbs. butter fat; milk 283.3 lbs.

Attested by Oley L. Coke, California Agricultural Experiment Station.

**NO. 3749. WALDORF PIETERTJE DE KOL 64126.**

WALDORF PIETERTJE DE KOL 3749 A. R. O. In 2 y. 3 d., 8.417 lbs. fat.	{	Lady Waldorf's De Kol 27207.	{	De Kol 2d's Butter Boy 3d 147 A. R.
		Pietertje Josephine Abbekerk A. 2534 A. R. O. In 2 y. 11 m. 16 d., 23.410 lbs. fat 14 d.		Lady Waldorf 1510 A. R. O. In 5 y. 2 m. 26 d., 69.549 lbs. fat 30 d.
			{	Colanthus Abbekerk Sir Oliver 28151.
			{	Lady Akkrum's Pietertje's Josephine 39519.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by W. W. Brown, Lyn, Ont. Calved August 17, 1902.

Official Butter Record: Dropped calf August 20, 1904, at 2 y. 3 d. of age; commenced record August 26, 1904; closed record September 1; 7 days' production 8.417 lbs. butter fat; milk 263.6 lbs.

Attested by Oley L. Coke, California Agricultural Experiment Station.

**MARY ANN DE KOL 2484 A. R. O. 53294.**

MARY ANN DE KOL 2484 A. R. O. In 5 y. 3 m. 29 d., 13.537 lbs. fat.	{	De Kol 2d's Butter Boy 2d 304 A. R.	{	Empress Josephine 3d's Sir Mechthilde 20255.
		Kekke 3d's Maggie 43015.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	Burke Pietertje 22302.
			{	Kekke 3d 521 A. R. P. In 4 y. 10 m. 30 d., 17 lbs. butter by churn.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XIV, page 55.]

Second Official Butter Record: Dropped calf August 16, 1904, at 5 y. 3 m. 29 d. of age; commenced record August 26, 1904; closed record September 2; 7 days' production 13.537 lbs. butter fat; milk 416.3 lbs.

Attested by Oley L. Coke, California Agricultural Experiment Station.

### HELENA BURKE BUTTER CUP 2998 A. R. O. 54498.

HELENA BURKE BUTTER CUP 2998 A. R. O. In 4 y. 20 d., 12.817 lbs. fat.	De Kol 2d's Butter Boy 3d 147 A. R.	Manor De Kol 130 A. R.
	Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat. Lord Burke 11731. Sicha 733.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XV, page 101.]

Second Official Butter Record: Dropped calf August 21, 1904, at 4 y. 20 d. of age; commenced record August 27, 1904; closed record September 2; 7 days' production 12.817 lbs. butter fat; milk 418 lbs.

Attested by Oley L. Coke, California Agricultural Experiment Station.

### IDLEWILD BLANCO 2973 A. R. O. 55195.

IDLEWILD BLANCO 2973 A. R. O. In 4 y. 1 m. 15 d., 11.718 lbs. fat.	Nero Blanco 250 A. R.	Nero of Valley Vista 22559. Lady Kathleen 22913.
	Victor Idlewild 2d 2629 A. R. O. In 6 y. 8 m. 29 d., 14.042 lbs. fat.	Sir Newton of Aaggie 5th's Best 21971. Victor Idlewild 39164.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XV, page 89.]

Second Official Butter Record: Dropped calf August 18, 1904, at 4 y. 1 m. 15 d. of age; commenced record August 25, 1904; closed record August 31; 7 days' production 11.718 lbs. butter fat; milk 370.6 lbs.

Attested by Oley L. Coke, California Agricultural Experiment Station.

**NO. 3750. PONTIAC TERPSICHORE 53447.**

PONTIAC TERPSICHORE 3750 A. R. O. In 3 y. 10 m. 13 d., 10.515 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Terra 1471 A. R. P. In 2 y. 23 d., 7,239 lbs. milk 1 y.	{	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
			{	Maple Row Prince 20893.
			{	Semiramis 39349.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved September 13, 1900.

Official Butter Record: Dropped calf July 26, 1904, at 3 y. 10 m. 13 d. of age; commenced record September 2, 1904; closed record September 8; 7 days' production 10.515 lbs. butter fat; milk 312 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

**NO. 3751. PONTIAC AKKRUM 53438.**

PONTIAC AKKRUM 3751 A. R. O. In 4 y. 29 d., 11.263 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Lady Akkrum's Pietertje 30667.	{	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
			{	Milla's Pietertje Netherland 83 A. R.
			{	Lady Akkrum 8153 H.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved July 2, 1900.

Official Butter Record: Dropped calf July 31, 1904, at 4 y. 29 d. of age; commenced record September 2, 1904; closed record September 8; 7 days' production 11.263 lbs. butter fat; milk 351 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

**PONTIAC HESSELTJE HENGERVELD 2994 A. R. O. 53432.**

PONTIAC HESSELTJE HENGERVELD 2994 A. R. O. In 4 y. 3 m. 9 d., 13.615 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Aspasia Hesseltje 39350.	{	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
			{	Calumbo '93 20980.
			{	Hesseltje 3d 1275 A. R. O. In 12 y. 26 d., 12.641 lbs. fat.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XV, page 98.]

Second Official Butter Record: Dropped calf August 13, 1904, at 4 y. 3 m. 9 d. of age; commenced record September 2, 1904; closed record September 8; 7 days' production 13.615 lbs. butter fat; milk 384 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

### PONTIAC URANIA 2882 A. R. O. 56960.

PONTIAC URANIA 2882 A. R. O. In 3 y. 5 m. 15 d., 10.548 lbs. fat.	Hengerveld De Kol 136 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Queen Cashe 1306 A. R. P. In 4 y. 8 m. 29 d., 11.179 lbs. milk 1 y.	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
		Gipe 12812.
		Maggie Moore 10175.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XV, page 31.]

Second Official Butter Record: Dropped calf June 27, 1904, at 3 y. 5 m. 15 d. of age; commenced record September 2, 1904; closed record September 8; 7 days' production 10.548 lbs. butter fat; milk 338 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

### NO. 3752. PONTIAC CELESTE 53437.

PONTIAC CELESTE 3752 A. R. O. In 4 y. 1 m. 13 d., 11.011 lbs. fat.	Hengerveld De Kol 136 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Shadeland Ruby 5th's Queen 33331.	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
		Shadeland Victor 14894.
		Shadeland Ruby 5th 1350 A. R. O. In 6 y. 11 m. 1 d., 12.501 lbs. fat.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved June 24, 1900.

Official Butter Record: Dropped calf August 7, 1904, at 4 y. 1 m. 13 d. of age; commenced record September 2, 1904; closed record September 8; 7 days' production 11.011 lbs. butter fat; milk 311 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

**DORA DE KOL HENGERVELD 2334 A. R. O. 52907.**

DORA DE KOL HENGERVELD 2334 A. R. O. In 4 y. 9 m. 24 d., 16.452 lbs. fat.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{	Manor De Kol 130 A. R.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Dora De Kol 39504.	{	Lord De Kol 19581.
			{	Netherland Aaggie I. 33235.

Owned by Henry Stevens & Son, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 225, Vol. XIV, page 246.]

Third Official Butter Record: Dropped calf July 7, 1904, at 4 y. 9 m. 24 d. of age; commenced record July 14, 1904; closed record July 21; 7 days' production 16.452 lbs. butter fat; milk 483.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf July 7, 1904, at 4 y. 9 m. 24 d. of age; commenced record July 13, 1904; closed record July 27; 14 days' production 32.195 lbs. butter fat; milk 977.6 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**RHODA DE KOL COLANTHA 2531 A. R. O. 51184.**

RHODA DE KOL COLANTHA 2531 A. R. O. In 4 y. 7 m. 18 d., 15.838 lbs. fat.	{	Homestead Vernon De Kol 220 A. R.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
			{	Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.
		Rhoda Colantha Beauty 1624 A. R. O. In 6 y. 7 m. 15 d., 15.117 lbs. fat.	{	Netherland Statesman's Executor 22117.
			{	Rhoda Colantha 2d 41431.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XIV, page 79.]

Second Official Butter Record: Dropped calf September 3, 1904, at 4 y. 7 m. 18 d. of age; commenced record September 10, 1904; closed record September 16, 1904; 7 days' production 15.838 lbs. butter fat; milk 371.2 lbs.

Attested by Oley L. Coke, California Agricultural Experiment Station.

**NO. 3753. ROSINA DE KOL 50819.**

ROSINA DE KOL 3753 A. R. O. In 5 y. 3 m. 21 d., 12.701 lbs. fat.	{	Beautiful Boon's Paul De Kol 311 A. R.	{	Aaggie Wayne 4th's Paul De Kol 20928.
			{	Beautiful Boon 27177.
		Rosemary Inka 41081.	{	Inka's Pietertje King 15964.
			{	Ida Rosa 36570.



Owned by Henry Stevens & Son, Lacona, N. Y. Bred by A. R. Flower, Watertown, N. Y. Calved March 24, 1899.

Official Butter Record: Dropped calf July 15, 1904, at 5 y. 3 m. 21 d. of age; commenced record July 25, 1904; closed record August 1; 7 days' production 12.701 lbs. butter fat; milk 460.8 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

### JANE DE KOL MANOR BEETS 2984 A. R. O. 59625.

JANE DE KOL MANOR BEETS 2984 A. R. O. In 3 y. 1 m. 6 d., 16.795 lbs. fat.	{	Calamity Jane's Paul 146 A. R.	{	Sir Paul De Kol Clothilde 174 A. R.
	{	De Kol Manor Beets 3d 2074 A. R. O. In 1 y. 10 m. 26 d., 8.420 lbs. fat.	{	Calamity Jane 1811 A. R. O. In 7 y. 10 m. 11 d., 20.041 lbs. fat.
			{	De Kol 2d's Butter Boy 3d 147 A. R.
			{	De Kol Manor Beets 1451 A. R. O. In 2 y. 1 m. 15 d., 9.695 lbs. fat.

Owned by John B. Marcou, Princetou, Mass.

[Entry of additional records. For previous records see Vol. XV, page 94.]

Third Official Butter Record: Dropped calf September 3, 1904, at 3 y. 1 m. 6 d. of age; commenced record September 18, 1904; closed record September 24; 7 days' production 16.795 lbs. butter fat; milk 328.7 lbs.

Attested by John F. Lyman, Hatch (Mass.) Agricultural Experiment Station.

### JESSIE VEEMAN HENGERVELD 2539 A. R. O. 50093.

JESSIE VEEMAN HENG- ERVELD 2539 A. R. O. In 4 y. 9 m. 28 d., 66.921 lbs. fat 30 d.	{	Manor De Kol 130 A. R.	{	De Kol 2d's Netherland 118 A. R.
		Jessie Veeman A. 2472 A. R. O. In 8 y. 7 m. 3 d., 20.999 lbs. fat.	{	Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.
			{	Pietertje Paul 18458.
			{	Jessie Veeman 9606.

Owned by Stevens Brothers, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 84.]

Second Official Butter Record: Dropped calf May 16, 1904, at 4 y. 9 m. 28 d. of age; commenced record May 27, 1904; closed record June 3; 7 days' production 16.264 lbs. butter fat; milk 492.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf May 16, 1904, at 4 y. 9 m. 28 d. of age; commenced record May 22, 1904; closed record June 20; 30 days' production 66.921 lbs. butter fat; milk 2,070.5 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**NO. 3754. LIZZIE DAVENPORT 5TH 62126.**

LIZZIE DAVENPORT 5th 3754 A. R. O. In 2 y. 8 m. 10 d., 10.906 lbs. fat.	{	Nig Nelson 309 A. R.	{ Pearl of the Dairy's 'Joe De Kol 164 A. R.
		Lizzie Davenport 41987.	{ Nig Alcartra 2d 1941 A. R. O. In 2 y. 10 m. 29 d., 8.938 lbs. fat.
			{ Colonel Anthony 21650.
			{ Black Cherrie 4th 28139.

Owned and bred by Randall Brothers, Lake Crystal, Minn. Calved December 15, 1901.

Official Butter Record: Dropped calf August 25, 1904, at 2 y. 8 m. 10 d. of age; commenced record September 20, 1904; closed record September 27; 7 days' production 10.906 lbs. butter fat; milk 331.9 lbs.

Attested by Herbert I. Ely, Minnesota Agricultural Experiment Station.

**NO. 3755. ROSE THOMAS 63631.**

✓ ROSE THOMAS 3755 A. R. O. In 2 y. 5 m. 14 d., 10.174 lbs. fat.	{	Nig Nelson 309 A. R.	{ Pearl of the Dairy's 'Joe De Kol 164 A. R.
		Clara Monti 2d 50782.	{ Nig Alcartra 2d 1941 A. R. O. In 2 y. 10 m. 29 d., 8.938 lbs. fat.
			{ Larkin Mercedes Prince 23848.
			{ Clara Monti 28138.

Owned and bred by Randall Brothers, Lake Crystal, Minn. Calved March 15, 1902.

Official Butter Record: Dropped calf August 29, 1904, at 2 y. 5 m. 14 d. of age; commenced record September 20, 1904; closed record September 27; 7 days' production 10.174 lbs. butter fat; milk 276.4 lbs.

Attested by Herbert I. Ely, Minnesota Agricultural Experiment Station.

**NO. 3756. DE KOL GOLD DUST 2D 64430.**

DE KOL GOLD DUST 2d 3756 A. R. O. In 2 y. 4 m. 28 d., 8.616 lbs. fat.	{	Nelson De Kol King 28720.	{ De Kol 2d's Paul De Kol Beauty 25461.
		De Kol Gold Dust 50495.	{ Netherland La Polka Queen 44645.
			{ De Kol 2d's Paul De Kol Beauty 25461.
			{ Netherland Gold Dust 44815.

Owned by O. J. Godfrey, Pennellville, N. Y. Bred by George H. Ensign, Nelson, N. Y. Calved April 20, 1902.

Official Butter Record: Dropped calf September 13, 1904, at 2 y. 4 m. 23 d. of age; commenced record September 20, 1904; closed record September 27; 7 days' production 8.616 lbs. butter fat; milk 255.5 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

# **NO. 3757. PRINCESS LEO NETHERLAND DE KOL 62521.**

PRINCESS LEO NETHER- LAND DE KOL, 3757 A. R. O. In 2 y. 4 m. 15 d., 17.018 lbs. fat 14 d.	{	Prince De Kol Paul 290 A. R.	{	Netherland De Kol's Perfection 223 A. R.
				Princess Zozo 21085.
	{	Princess Leo Netherland 2958 A. R. O. In 4 y. 7 m. 16 d., 25.176 lbs. fat 14 d.	{	Netherland Statesman's Prince 22132.
				Princess Leo 7740.

Owned and bred by O. J. Godfrey, Pennellville, N. Y. Calved March 26, 1902.

Official Butter Record: Dropped calf August 11, 1904, at 2 y. 4 m. 15 d. of age; commenced record September 14, 1904; closed record September 21; 7 days' production 9.174 lbs. butter fat; milk 292.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf August 11, 1904, at 2 y. 4 m. 15 d. of age; commenced record September 12, 1904; closed record September 26; 14 days' production 17.018 lbs. butter fat; milk 573.2 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

# **NO. 3758. AIBIRCE MERCEDES 61554.**

AIBIRCE MERCEDES 3758 A. R. O. In 4 y. 5 m. 18 d., 22.542 lbs. fat 14 d.	{	R. B. Mercedes 230 A. R.	{	Antje Vriend's Mercedes Prince 88 A. R.
				Rowena B. 1075 A. R. P. In 8 y. 11 m. 10 d., 24 lbs. 8 oz. butter by churn.
	{	Aibirce 3d 40253.	{	Cuza's Pietertje Prince 239 A. R.
				Aibirce 1280 D. F.

Owned and bred by O. J. Godfrey, Pennellville, N. Y. Calved March 14, 1900.

Official Butter Record: Dropped calf September 2, 1904, at 4 y. 5 m. 18 d. of age; commenced record September 12, 1904; closed record September 19; 7 days' production 11.705 lbs. butter fat; milk 346.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf September 2, 1904, at 4 y. 5 m. 18 d. of age; commenced record September 12, 1904; closed record September 26; 14 days' production 22,542 lbs. butter fat; milk 675.4 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

### PRINCESS LEO NETHERLAND 2958 A. R. O. 61822.

PRINCESS LEO NETHERLAND 2958 A. R. O. In 4 y. 7 m. 16 d., 25.176 lbs. fat 14 d.	{	Netherland Statesman's Prince 22132.	{	Netherland Statesman 38 A. R.
				Netherland Princess 5th 496 A. R. P. In 2 y. 1 m. 7 d., 14 lbs. 12 oz. butter by churn.
		Princess Leo 7740.	{	Amalga 702.
			{	Albirce 1280 D. F.

Owned by O. J. Godfrey, Pennellville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 82.]

Second Official Butter Record: Dropped calf August 11, 1904, at 4 y. 7 m. 16 d. of age; commenced record September 15, 1904; closed record September 22; 7 days' production 12,987 lbs. butter fat; milk 421.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf August 11, 1904, at 4 y. 7 m. 16 d. of age; commenced record September 12, 1904; closed record September 26; 14 days' production 25.176 lbs. butter fat; milk 842.6 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

### NO. 3759. KIATTA'S EDKJE 40256.

KIATTA'S EDKJE. 3759 A. R. O. In 9 y. 4 m. 16 d., 12.479 lbs. fat.	{	Cuza's Pietertje Prince 289 A. R.	{	Milla's Pietertje Netherland's Duke 13361.
				Cuza 7862.
		Kiatta 1310 D. F. H. B.		

Owned and bred by O. J. Godfrey, Pennellville, N. Y. Calved April 10, 1895.

Official Butter Record: Dropped calf August 26, 1904, at 9 y. 4 m. 16 d. of age; commenced record September 12, 1904; closed record September 19; 7 days' production 12.479 lbs. butter fat; milk 409.8 lbs.

Attested by G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

**MAID HENRY 2795 A. R. O. 54878.**

MAID HENRY 2795 A. R. O. In 4 y. 5 m. 8 d., 11.413 lbs. fat.	{	Gold Leaf 2d Gerben Sir Henry 24269.	{ Gerben Mechthilde Sir Henry 23595.
		Sharon Maid 40146.	{ Gold Leaf 2d 10170 H.  Zweifel 20529. Sharon Dora 35210.

Owned by John C. Doubt, Havelock, Neb.

[Entry of additional records. For previous records see Vol. XIV, page 225.]

Second Official Butter Record: Dropped calf August 10, 1904, at 4 y. 5 m. 8 d. of age; commenced record August 16, 1904; closed record August 22; 7 days' production 11.413 lbs. butter fat; milk 387.5 lbs.

Attested by Edward L. Jameson, Nebraska Agricultural Experiment Station.

**NO. 3760. CORA M. DE KOL 58251.**

CORA M. DE KOL 3760 A. R. O. In 3 y. 1 m. 23 d., 10.443 lbs. fat.	{	Admiral Paul De Kol 357 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
		Khrone's Mercedes' Belle 40111.	{ Aaggie Cornucopia 2d 1173 A. R. O. In 6 y. 2 m. 18 d., 15.830 lbs. fat.  Queen of the Hill's Mercedes Prince 19650. Khrone's Mercedes 23725.

Owned by Ira S. Jarvis, Hartwick Seminary, N. Y. Bred by M. D. Eckler, Cooperstown, N. Y. Calved January 8, 1901.

Official Butter Record: Dropped calf March 1, 1904, at 3 y. 1 m. 23 d. of age; commenced record April 9, 1904; closed record April 15; 7 days' production 10.443 lbs. butter fat; milk 295.9 lbs.

Attested by Henry Truckell, Cornell University Agricultural Experiment Station.

**NO. 3761. MATTIE CLAY DORA 65313.**

MATTIE CLAY DORA 3761 A. R. O. In 2 y. 2 m. 11 d., 9.074 lbs. fat.	{	Oakland Cayuga Chief 317 A. R.	{ Pietertje Hengerveld's Paul De Kol 109 A. R.
		Matty Clay's Aaggie 2d 2509 A. R. O. In 6 y. 6 m. 10 d., 19.168 lbs. fat.	{ Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.  Santa Claus Clifden 21972. Matty Clay's Aaggie 1114.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by Pierce Land and Stock Co., San Francisco, Cal. Calved June 28, 1902.



Official Butter Record: Dropped calf September 9, 1904, at 2 y. 2 m. 11 d. of age; commenced record September 17, 1904; closed record September 23; 7 days' production 9.074 lbs. butter fat; milk 260.7 lbs.

Attested by Oley L. Coke, California Agricultural Experiment Station.

**JULIET BLANCO 2975 A. R. O. 55796.**

JULIET BLANCO 2975 A. R. O. In 4 y. 1 m. 21 d., 14.766 lbs. fat.	{	Nero Blanco 250 A. R.	{	Nero of Valley Vista 22559.
			{	Lady Kathleen 22913.
	{	Mountain Juliet 2573 A. R. O. In 7 y. 3 m. 17 d., 12.725 lbs. fat.	{	Mountain Boy Mooie 21916.
			{	Lady Kurt's Clifden 2d 18765.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XV, page 89.]

Second Official Butter Record: Dropped calf September 11, 1904, at 4 y. 1 m. 21 d. of age; commenced record September 17, 1904; closed record September 23; 7 days' production 14.766 lbs. butter fat; milk 406.3 lbs.

Attested by Oley L. Coke, California Agricultural Experiment Station.

**NO. 3762. ARALIA 43106.**

ARALIA 3762 A. R. O. In 7 y. 4 m. 2 d., 17.303 lbs. fat.	{	Parthenea Sir Mechthilde 214 A. R.	{	Parthenea's Sir Henry 248 A. R.
			{	Siemke 3d's Mechthilde 34042.
	{	Victor Quickstep 39165.	{	Romeo Aaggie 213 A. R.
			{	Victor Idlewild 39164.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by Paris Gibson, Great Falls, Mont. Calved May 4, 1897.

Official Butter Record: Dropped calf September 6, 1904, at 7 y. 4 m. 2 d. of age; commenced record September 13, 1904; closed record September 19; 7 days' production 17.303 lbs. butter fat; milk 403.4 lbs.

Attested by Oley L. Coke, California Agricultural Experiment Station.

**NO. 3763. BRYONIA BELLE MECHTHILDE 50007.**

BRYONIA BELLE MECH- THILDE 3763 A. R. O. In 6 y. 2 d., 15.416 lbs. fat.	{	Mechthilde's Sir Henry of Maplewood 201 A. R.	{	Sir Henry of Maplewood 2933 H.
			{	Mechthilde 6718 H.
	{	Bryonia Belle 41125.	{	Leda's Champion Wayne 20257.
			{	Bryonia Albia 1215 A. R. O. In 8 y. 3 m. 20 d., 18.685 lbs. fat.

Owned by E. C. Petrie, Elkhorn, Wis. Bred by C. H. Krueger & Co., Lisbon, Ia. Calved August 30, 1898.

Description: Age, 6 y. 29 d.; milk and beef form; head, proportionate, symmetrical; neck, medium, level, medium length; chine, straight, wide open vertebræ; loin and hips, strong, nearly level; rump, moderately high; escutcheon, good, fine; mammary veins, large, long, branching; udder, capacious, flexible, minus one quarter; teats, good; handling, good; secretions of skin, abundant, oily; general appearance, vigorous, fine, stylish; height, shoulders, 54 inches, hips 55; length, body 63, rump 21.5; width, hips 21.5, thurl 20; girth 78; weight, 1,400 lbs. Est.; examiner, Otto J. Hanzlik; examined September 29, 1904.

Official Butter Record: Dropped calf September 2, 1904, at 6 y. 2 d. of age; commenced record September 29, 1904; closed record October 6; 7 days' production 15.416 lbs. butter fat; milk 456.7 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### NO. 3764. SETHJE GOLDEN 2D 28914.

SETHJE GOLDEN 2d 3764 A. R. O. In 12 y. 7 m. 29 d., 16.381 lbs. fat.	{	Inka 5th's, Pietertje 13853.	{	Milla's Pietertje Netherland 83 A. R.
				Inka 5th 517 A. R. P. In 1 y. 11 m. 1 d., 13 lbs. 6 oz. butter by churn.
		Sethje Golden 19509.	{	Hamilton 24 A. R. 2d Sethje Veeman 1906 D. F.

Owned by T. A. Mitchell, Weedsport, N. Y. Bred by Chenango Valley Stock Breeders' Association, Hamilton, N. Y. Calved January 1, 1892.

Official Butter Record: Dropped calf August 30, 1904, at 12 y. 7 m. 29 d. of age; commenced record September 18, 1904; closed record September 25; 7 days' production 16.381 lbs. butter fat; milk 490.1 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

#### NO. 3765. AAGGIE LILY'S PIETERTJE NETHERLAND 2D 64124.

AAGGIE LILY'S PIETERTJE NETHERLAND 2d 3765 A. R. O. In 2 y. 3 m. 14 d., 8.739 lbs. fat.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{	Manor De Kol 130 A. R.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Aaggie Lily's Pietertje Netherland 1616 A. R. O. In 8 y. 6 m., 16.150 lbs. fat.	{	Inka Princess Pietertje Netherland 95 A. R. Aaggie Lily 198 A. R. P. In 3 y. 1 m. 29 d., 490½ lbs. milk 10 d.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved May 5, 1902.

Official Butter Record: Dropped calf August 9, 1904, at 2 y. 3 m. 14 d. of age; commenced record October 3, 1904; closed record October 10; 7 days' production 8.739 lbs. butter fat; milk 263.1 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

# **NO. 3766. BERYL PIETERTJE KORNDYKE 63396.**

<b>BERYL PIETERTJE KORNDYKE 3766 A. R.</b> O. In 1 y. 11 m. 27 d., 8.764 lbs. fat.	{	Beryl Wayne's Paul De Kol 306 A. R.	{ De Kol 2d's Paul De Kol 107 A. R. Beryl Wayne 1177 A. R. O. In 8 y. 10 m. 12 d., 22.298 lbs. fat.
		Pietertje Korndyke 23479.	{ Milla's Pietertje Netherland 83 A. R. Belle Korndyke 1449 A. R. O. In 10 y. 9 m. 13 d., 20.615 lbs. fat.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved August 1, 1902.

Official Butter Record: Dropped calf July 28, 1904, at 1 y. 11 m. 27 d. of age; commenced record September 29, 1904; closed record October 5; 7 days' production 8.764 lbs. butter fat; milk 281.8 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

# **TEHEE ARTIS DE KOL CLOTHILDE 3082 A. R. O. 59982.**

<b>TEHEE ARTIS DE KOL CLOTHILDE 3082 A. R.</b> O. In 3 y. 2 m. 15 d., 9.279 lbs. fat.	{	Korndyke Queen De Kol's Prince 255 A. R.	{ Lorraine Prince 23109. Korndyke Queen De Kol 1549 A. R. O. In 6 y. 7 m. 19 d., 349.636 lbs. fat 182½ d.
		Aaggie Tehee 3d's Artis Clothilde 35089.	{ Artis Adiantum's Clothilde 116 A. R. Aaggie Tehee 3d 29312.

Owned by Henry Stevens & Son, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 154.]

Second Official Butter Record: Dropped calf September 24, 1904, at 3 y. 2 m. 15 d. of age; commenced record October 2, 1904; closed record October 9; 7 days' production 9.279 lbs. butter fat; milk 243.1 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 3767. BERYL LADY HENGERVELD DE KOL 63395.**

<b>BERYL LADY HENGERVELD DE KOL 3767 A. R. O.</b> In 2 y. 1 m. 5 d., 8.928 lbs. fat.	{ Beryl Wayne's Paul De Kol 306 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
	{ Pietertje Hengerveld's Lady De Kol 2d 1452 A. R. O. In 3 y. 9 m., 12.919 lbs. fat.	{ Beryl Wayne 1177 A. R. O. In 8 y. 10 m. 12 d., 22.298 lbs. fat.  { De Kol 2d's Butter Boy 129 A. R. { Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved July 1, 1902.

Official Butter Record: Dropped calf August 6, 1904, at 2 y. 1 m. 5 d. of age; commenced record September 28, 1904; closed record October 4; 7 days' production 8.928 lbs. butter fat; milk 278.5 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**CHRISTINE HENRY 2787 A. R. O. 53660.**

<b>CHRISTINE HENRY 2787</b> A. R. O. In 4 y. 7 m. 18 d., 45.147 lbs. fat 30 d.	{ Gold Leaf 2d Gerben Sir Henry 24269.	{ Gerben Mechthilde Sir Henry 23595. { Gold Leaf 2d 10170 H.
	{ Christine Gerben 46503.	{ Mechthilde Sir Henry's Gerben 2448. { Dora Steward 25189.

Owned by John C. Doubt, Havelock, Neb.

[Entry of additional records. For previous records see Vol. XIV, page 221.]

Second Official Butter Record: Dropped calf July 21, 1904, at 4 y. 7 m. 18 d. of age; commenced record July 27, 1904; closed record August 2; 7 days' production 11.824 lbs. butter fat; milk 344.5 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf July 21, 1904, at 4 y. 7 m. 18 d. of age; commenced record July 27, 1904; closed record August 25; 30 days' production 45.147 lbs. butter fat; milk 1,435.1 lbs.

Attested by Edward L. Jameson, Nebraska Agricultural Experiment Station.

**NO. 3768. GERBEN MAID MECHTCHILDE 65201.**

<b>GERBEN MAID MECHTCHILDE 3768 A. R. O.</b> In 2 y. 1 m. 21 d., 9.758 lbs. fat.	{ Baronet Gerben 313 A. R.	{ Gold Leaf 2d Gerben Sir Henry 24269. { Baroness Rose 40800.
	{ Sharon Maid 40146.	{ Zweifel 20529. { Sharon Dora 35210.

Owned and bred by John C. Doubt, Havelock, Neb. Calved, June 16, 1902.

Official Butter Record: Dropped calf August 7, 1904, at 2 y. 1 m. 21 d. of age; commenced record August 13, 1904; closed record August 19; 7 days' production 9.758 lbs. butter fat; milk 291.3 lbs.

Attested by Edward L. Jameson, Nebraska Agricultural Experiment Station.

### RUBY BURKE DE KOL 2935 A. R. O. 56068.

RUBY BURKE DE KOL 2935 A. R. O. In 3 y. 9 m. 10 d., 10.541 lbs. fat.	{	Helena De Kol's Butter Boy 261 A. R.	{ De. Kol 2d's Butter Boy 129 A. R. Helena De Kol 35547.
		Manor De Kol Lady Burke 2311 A. R. O. In 6 y. 5 m., 17.751 lbs. fat.	{ Manor De Kol 130 A. R. Barbara Burke 43410.

Owned by Jarvis Brothers, Cooperstown, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 70.]

Second Official Butter Record: Dropped calf August 11, 1904, at 3 y. 9 m. 10 d. of age; commenced record September 20, 1904; closed record September 26; 7 days' production 10.541 lbs. butter fat; milk 342.6 lbs.

Attested by G. Arthur Bell, Cornell University Agricultural Experiment Station.

### JENNIE VAN BEERS 2173 A. R. O. 49447.

JENNIE VAN BEERS 2173 A. R. O. In 4 y. 3 m. 5 d., 42.586 lbs. fat 22 d.	{	Hampden Boy 277 A. R.	{ Aaggie Artis Netherland Prince 20197. Royal Prince's Maid 4069.
		Lucy Van Beers 8392.	{ Duke of Portland 1721. Dina Van Beers 1218.

Owned by F. B. Fargo, Lake Mills, Wis.

[Entry of additional records. For description and previous records see Vol. XIII, page 131, Vol. XIV, page 111.]

Third Official Butter Record: Dropped calf September 2, 1904, at 6 y. 1 m. 11 d. of age; commenced record September 16, 1904; closed record September 22; 7 days' production 13.673 lbs. butter fat; milk 431.2 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.



**NO. 3769. MECHTHILDA ELGIN 51618.**

MECHTHILDA ELGIN 3769 A. R. O. In 4 y. 7 m. 17 d., 11.490 lbs. fat.	{	Sindt Prince Mechthilde 176 A. R.	{	Mechthilde's Sir Henry of Maplewood 201 A. R.
		Constantia Netherland 40988.		Daisy Sindt 1217 A. R. O. In 4 y. 6 m. 24 d., 16.530 lbs. fat.
			{	Duke Aaggie Netherland 21071.
			{	Constantia Rigga 17969.

Owned by F. B. Fargo, Lake Mills, Wis. Bred by J. W. Fowler, Grinnell, Ia.  
Calved January 15, 1900.

Description: Age, 4 y. 8 m. 19 d.; dairy form; head, good length, dishing; neck, good length, fine; chine, good, very open vertibræ; loin and hips, broad, level; rump, level; escutcheon, good, broad; mammary veins, large, good length; udder, not even, quarters not large enough; teats, not well placed; handling, a little beefy; secretions of skin, good, yellow; general appearance, vigorous; height, shoulders 57 inches, hips 56; length, body 67, rump 21; width, hips 23, thurl 22; girth 76; weight, 1,100 lbs. Est.; examiner, James A. Ford; examined October 4, 1904.

Official Butter Record: Dropped calf September 2, 1904, at 4 y. 7 m. 17 d. of age; commenced record September 26, 1904; closed record October 2; 7 days' production 11.490 lbs. butter fat; milk 310.8 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

**NO. 3770. PEARL PIETERTJE HARTOG 65910.**

Pearl Pietertje Hartog 3770 A. R. O. In 1 y. 11 m. 28 d., 11.317 lbs. fat.	{	Prince Grant De Kol 25028.	{	Alexander's De Kol 349 A. R.
		Pearl H. 46745.		General Grant's Wild Rose 17481.
			{	Gold Coin Pietertje 19920.
			{	Kate H. Pietertje 37783.

Owned by A. A. Hartshorn, Hamilton, N. Y. Bred by O. R. Cole, Solsville, N. Y. Calved August 27, 1902.

Official Butter Record: Dropped calf August 25, 1904, at 1 y. 11 m. 28 d. of age; commenced record October 5, 10 a. m., 1904; closed record October 12, 4 a. m.; 7 days' production 10.650 lbs. butter fat; milk 273.2 lbs.

Attested by Archie Stone and D. Curtis Stanion, Cornell University Agricultural Experiment Station.

Second Official Butter Record: Dropped calf August 25, 1904, at 1 y. 11 m. 28 d. of age; commenced record November 5, 1904; closed record November 11; 7 days' production 11.317 lbs. butter fat; milk 289.9 lbs.

Attested by F. R. Barnard, Cornell University Agricultural Experiment Station.

**NO. 3771. ARVILLA BELLE 61513.**

ARVILLA BELLE 3771 A. R. O. In 2 y. 11 m. 4 d., 10.734 lbs. fat.	{	Lebanon Pietertje Prince 314 A. R.	{	Inka Princess' Pietertje Pledge 140 A. R.
		Lillian Walker 2667 A. R. O. In 7 y. 6 m. 6 d., 71.615 lbs. fat 30 d.		
		Marion Belle 49267.		{

Owned and bred by A. A. Hartshorn, Hamilton, N. Y. Calved October 8, 1901.

Official Butter Record: Dropped calf September 12, 1904, at 2 y. 11 m. 4 d. of age; commenced record October 4, 1904; closed record October 10; 7 days' production 10.734 lbs. butter fat; milk 318.9 lbs.

Attested by Archie Stone and D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**NO. 3772. LILLIAN WALKER PIETERTJE 64169.**

LILLIAN WALKER PIETERTJE 3772 A. R. O. In 2 y. 5 m. 15 d., 12.725 lbs. fat.	{	Admiral Walker 343 A. R.	{	Capitola Duke 21530.
				Lillian Walker 2667 A. R. O. In 7 y. 6 m. 6 d., 71.615 lbs. fat 30 d.
		dx	Beauty Pietertje 4144 A. R. O. In 5 y. 4 m. 1 d., 87.025 lbs. fat 30 d.	{
			{	Prilly 3808 A. R. O. In 9 y. 7 m. 25 d., 17.325 lbs. fat.

Owned and bred by A. A. Hartshorn, Hamilton, N. Y. Calved March 31, 1902.

Official Butter Record: Dropped calf September 16, 1904, at 2 y. 5 m. 15 d. of age; commenced record October 4, 10 a. m., 1904; closed record October 11, 4 a. m.; 7 days' production 12.725 lbs. butter fat; milk 380.4 lbs.

Second Official Butter Record: Dropped calf September 16, 1904, at 2 y. 5 m. 15 d. of age; commenced record February 17, 1905; closed record February 23; 7 days' production 13.064 lbs. butter fat; milk 371.2 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf September 16, 1904, at 2 y. 5 m. 15 d. of age; commenced record February 16, 1905; closed record March 18; 30 days' production 53.696 lbs. butter fat; milk 1,589.5 lbs.

Attested by Archie Stone and D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**NO. 3773. ANNELIDA BELLE 42950.**

<b>ANNELIDA BELLE 3773</b> A. R. O. In 9 y. 4 m. 13 d., 15.293 lbs. fat.	{	<b>Leonia Tweede's Pietertje</b> 293 A. R.	{	<b>Inka's Pietertje</b> Netherland 119 A. R.
		<b>Annelida</b> 1678 D. F.		<b>Leonia Tweede</b> 119 A. R. P. In 2 y. 1 m. 18 d., 9 lbs. 6 oz. butter by churn.
			{	<b>De Nette</b> 324 F. H. B.
			{	<b>Bruinsma</b> 1007 F. H. B.

Owned by A. A. Hartshorn, Hamilton, N. Y. Bred by Langworthy Brothers, West Edmeston, N. Y. Calved May 3, 1895.

Official Butter Record: Dropped calf September 16, 1904, at 9 y. 4 m. 13 d. of age; commenced record October 4, 1904; closed record October 10; 7 days' production 15.293 lbs. butter fat; milk 463.7 lbs.

Attested by Archie Stone and D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**NO. 3774. SLIVER QUEEN PAULINE DE KOL 57220.**

<b>SILVER QUEEN PAULINE DE KOL 3774</b> A. R. O. In 3 y. 11 m. 21 d., 10.841 lbs. fat.	{	<b>America Paul De Kol</b> 25063.	{	<b>Paul De Kol</b> 97 A. R.
		<b>Silver Belle De Kol</b> 49880.		<b>Pauline Paul America</b> 2d 1226 A. R. O. In 2 y. 1 m. 18 d., 8.860 lbs. fat.
			{	<b>Netherland De Kol Pietertje</b> 267 A. R.
			{	<b>Silver Fly</b> 20558.

Owned by M. J. McPherson, Howell, Mich. Bred by McPherson Brothers, Howell, Mich. Calved September 15, 1900.

Official Butter Record: Dropped calf September 6, 1904, at 3 y. 11 m. 21 d. of age; commenced record October 5, 1904; closed record October 11; 7 days' production 10.841 lbs. butter fat; milk 311 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

**PIEBE QUEEN 2D'S PRINCESS 1433 A. R. O. 45007.**

<b>PIEBE QUEEN 2d's PRINCESS 1433</b> A. R. O. In 4 y. 9 m., 17.743 lbs. fat.	{	<b>Wartena Netherland Prince</b> 128 A. R.	{	<b>Iron Ajax</b> 2662.
		<b>Piebe Queen 2d</b> 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.		<b>Wartena's Netherland</b> 34195.
			{	<b>Aaltje Salo 2d's Carl</b> 19484.
			{	<b>Piebe Queen</b> 1459 A. R. O. In 7 y. 2 d., 15.029 lbs. fat.

Owned by W. H. Jones, Watertown, Wis.

[Entry of additional records. For previous records see Vol. X, page 36, Vol. XI, page 66, Vol. XII, page 77, Vol. XIII, page 195.]

Fifth Official Butter Record: Dropped calf September 24, 1904, at 7 y. 6 m. 9 d. of age; commenced record October 20, 1904; closed record October 27; 7 days' production 15.366 lbs. butter fat; milk 420.3 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

# **NO. 3775. OLLIE OAK DUCHESS 64943.**

OLLIE OAK DUCHESS 3775 A. R. O. In 2 y. 3 m. 24 d., 9.024 lbs. fat.	Chief Piebe Oak Duchess 318 A. R.	Piebe De Kol Burke 165 A. R.
		Lady Oak 2d 1684 A. R. O. In 7 y. 2 m. 11 d., 17.189 lbs. fat.
	Ollie Watson 6th 2897 A. R. O. In 3 y. 7 m. 26 d., 13.997 lbs. fat.	Pearl of the Dairy's Joe De Kol 164 A. R.
		Ollie Watson 28140.

Owned by W. H. Jones, Watertown, Wis. Bred by E. E. Randall, Watertown, Wis. Calved May 31, 1902.

Description: Age, 2 y. 4 m. 12 d.; milk and beef form; head, proportionate, symmetrical; neck, medium, fine; chine, straight, open vertebræ; loin and hips, moderately level, wide; rump, nearly level; escutcheon, fine, long; mammary veins, moderately long; udder, very capacious, flexible, quarters even; teats, good; handling, superior; secretions of skin, abundant, oily; general appearance, vigorous; height, shoulders 51 inches, hips 55; length, body 59, rump 19.5; width, hips 20.5, thurl 20; girth 75; weight, 900 lbs. Est.; examiner, O. J. Hanzlik; examined October 13, 1904.

Official Butter Record: Dropped calf September 25, 1904, at 2 y. 3 m. 24 d. of age; commenced record October 12, 1904; closed record October 19; 7 days' production 9.024 lbs. butter fat; milk 312.5 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

# **NO. 3776. BUTTER BELLE PRIDE 48250.**

BUTTER BELLE PRIDE 3776 A. R. O. In 6 y. 14 d., 13.505 lbs. fat.	White Ondinus' Shepard 351 A. R.	Nitalia's Ondinus 6910.
		Lady Shepard 1586 H.
	Butter Belle Hope 38297.	Koopman 2d's Clothilde 16018.
		Butter Belle's Maud 28907.

Owned by Rankin Brothers, Brockton, Mass. Bred by William Rankin, Brockton, Mass. Calved September 12, 1898.

Official Butter Record: Dropped calf September 26, 1904, at 6 y. 14 d. of age; commenced record October 25, 1904; closed record October 31; 7 days' production 13.505 lbs. butter fat; milk 414.1 lbs.

Attested by S. R. Parker, Hatch (Mass.) Agricultural Experiment Station.

#### NO. 3777. QUEEN GERBEN 65199.

QUEEN GERBEN 3777 A. R. O. In 2 y. 1 m. 19 d., 8.491 lbs. fat.	Baronet Gerben 313 A. R.	{ Gold Leaf 2d Gerben Sir Henry 24269. { Baroness Rose 40800.
	Sharon Queen 46508.	{ Mechthilde Sir Henry's Gerben 24448. { Sharon Maid 40146.

Owned and bred by John C. Doubt, Havelock, Neb. Calved August 31, 1902.

Official Butter Record: Dropped calf October 20, 1904, at 2 y. 1 m. 19 d. of age; commenced record October 26, 1904; closed record November 1; 7 days' production 8.491 lbs. butter fat; milk 258.8 lbs.

Attested by Edward L. Jameson, Nebraska Agricultural Experiment Station.

#### NO. 3778. LADY WINANA DE KOL 64006.

LADY WINANA DE KOL 3778 A. R. O. In 2 y. 3 m. 9 d., 9.930 lbs. fat.	Paul Beets De Kol 113 A. R.	{ De Kol 2d's Paul De Kol 107 A. R. { Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
	Winana's Pietertje Nether- land 1301 A. R. O. In 3 y. 11 m. 29 d., 12.154 lbs. fat.	{ Inka Princess Pietertje Netherland 95 A. R. { Winana 444 A. R. P. In 5 y. 24 d., 17 lbs. 14 oz. but- ter by churn.

Owned by E. H. Dollar, Heuvelton, N. Y. Bred by A. W. Brown, Unadilla Forks, N. Y. Calved June 10, 1902.

\* Official Butter Record: Dropped calf September 19, 1904, at 2 y. 3 m. 9 d. of age; commenced record October 11, 6 p. m., 1904; closed record October 18, 12 m.; 7 days' production 9.930 lbs. butter fat; milk 318.1 lbs.

Attested by W. E. Griffith, Cornell University Agricultural Experiment Station.



**NO. 3779. VALLEY FARM PANSY 60830.**

✓ VALLEY FARM PANSY 3779 A. R. O. In 2 y. 11 m. 26 d., 9.326 lbs. fat.	Pietertje Alban De Kol 173 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Clothilde Artis Yissum 1240 A. R. P. In 1 y. 11 m. 1 d., 7,213¼ lbs. milk 10 m.	Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.
		Artis Adiantum's Clothilde 116 A. R.
		Yissum 6281.

Owned and bred by Don J. Wood, West Winfield, N. Y. Calved September 12, 1901.

Milk Record: Dropped calf June 4, 1903, at 1 y. 8 m. 22 d. of age; commenced record June 6, 1903; closed record April 5, 1904; 10 months' production 7,133.9 lbs.

Official Butter Record: Dropped calf September 8, 1904, at 2 y. 11 m. 26 d. of age; commenced record October 7, 1 p. m., 1904; closed record October 14, 5 a. m.; 7 days' production 9.326 lbs. butter fat; milk 346.8 lbs.

Attested by G. Arthur Bell and F. R. Barnard, Cornell University Agricultural Experiment Station.

**NO. 3780. JANNEK TOPSY BURKE 60832.**

✓ JANNEK TOPSY BURKE 3780 A. R. O. In 2 y. 10 m. 12 d., 10.350 lbs. fat.	Clothilde Topsy Burke 25122.	Sir Abbekerk Burke 240 A. R.
	Jannek Lass 1032 A. R. P. In 2 y. 2 m. 21 d., 8,352½ lbs. milk 10 m.	Clothilde Artis Topsy 1241 A. R. O. In 7 y. 1 m., 18.607 lbs. fat.
		Lad of Prescott 2d 968.
		Jannek 5th 4858 H.

Owned and bred by Don J. Wood, West Winfield, N. Y. Calved November 7, 1901.

Official Butter Record: Dropped calf September 19, 1904, at 2 y. 10 m. 12 d. of age; commenced record October 9, 1904; closed record October 15; 7 days' production 10.350 lbs. butter fat; milk 300.9 lbs.

Attested by F. R. Barnard, Cornell University Agricultural Experiment Station.

**NO. 3781. CLOTHILDE TOPSY BELLE 64692.**

✓ CLOTHILDE TOPSY BELLE 3781 A. R. O. In 2 y. 6 d., 8.502 lbs. fat.	Clothilde Topsy Burke 25122.	Sir Abbekerk Burke 240 A. R.
	Clothilde Artis Aaggie Belle 1285 A. R. O. In 2 y. 1 m. 4 d., 9.299 lbs. fat.	Clothilde Artis Topsy 1241 A. R. O. In 7 y. 1 m., 18.607 lbs. fat.
		Artis Adiantum's Clothilde 116 A. R.
		Jannek Belle 2d 1112 A. R. P. In 2 y. 13 d., 357¼ lbs. milk 10 d.

Owned by Don J. Wood, West Winfield, N. Y. Bred by D. & G. Mortis, West Exeter, N. Y. Calved August 31, 1902.

Official Butter Record: Dropped calf September 7, 1904, at 2 y. 6 d. of age; commenced record October 6, 8.30 p. m., 1904; closed record October 13, 1 p. m.; 7 days' production 8.502 lbs. butter fat; milk 242.4 lbs.

Attested by G. Arthur Bell and F. R. Barnard, Cornell University Agricultural Experiment Station.

#### NO. 3782. MILDRED SOLDENE 64782.

MILDRED SOLDENE 3782 A. R. O. In 2 y. 4 m. 18 d., 8.573 lbs. fat.	{	Soldene Clothilde Artis 288 A. R.	{	Soldene 2d's Netherland 8519.
				Dirkje Von Holingen 3d 1264 A. R. O. In 6 y. 5 m. 28 d., 17.454 lbs. fat.
✓	{	Mildred Paul 2430 A. R. O. In 2 y., 8.117 lbs. fat.	{	Mutual Friend 3d's Paul 148 A. R.
				Mildred De Kol 3d 40956.

Owned and bred by T. A. Mitchell, Weedsport, N. Y. Calved May 6, 1902.

Official Butter Record: Dropped calf September 24, 1904, at 2 y. 4 m. 18 d. of age; commenced record October 7, 11 a. m., 1904; closed record October 14, 7 a. m.; 7 days' production 8.573 lbs. butter fat; milk 267.5 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

#### JEWEL MAID MERCEDES 3113 A. R. O. 53249.

JEWEL MAID MERCEDES 3113 A. R. O. In 5 y. 16 d., 15.296 lbs. fat.	{	Florence Jewel's Sir Josephine 24453.	{	Gerben Mechthilde Sir Josephine 170 A. R.
				Florence Jewel 896 W.
	{	Maid June Bud 53248.	{	Jettine's Echo's Mercedes Prince 258 A. R.
				Yentje 3d's Maid 33655.

Owned by Frank Brewster, Elkhorn, Wis.

[Entry of additional records. For description and previous records see Vol. XV. page 171.]

Second Official Butter Record: Dropped calf October 23, 1904, at 5 y. 16 d. of age; commenced record November 7, 1904; closed record November 13; 7 days' production 15.296 lbs. butter fat; milk 458.8 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

**RUBY B. 3110 A. R. O. 47617.**

RUBY B. 3110 A. R. O. In  
6 y. 8 m. 29 d., 16.389  
lbs. fat.

{	Jettine's Echo's Mercedes Prince 258 A. R.	{ Guy Mercedes 10678. Jettine's Echo 24761.
	Nezi 4th's Queen 47616.	{ Owanda's Mercedes Prince 3348. Nezi 4th 28702.

Owned by Frank Brewster, Elkhorn, Wis.

[Entry of additional records. For description, breeding and previous records see Vol. XV, page 170.]

Second Official Butter Record: Dropped calf October 24, 1904, at 6 y. 8 m. 29 d. of age; commenced record November 7, 1904; closed record November 13; 7 days' production 16.389 lbs. butter fat; milk 432 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

**NO. 3783. LADY SNOW FLAKE PIETERTJE 62283.**

LADY SNOW FLAKE PIE-  
TERTJE 3783 A. R. O.  
In 2 y. 10 m. 2 d., 8.481  
lbs. fat.

{	Monarch Netherland 312 A. R.	{ Clothilde Netherland Pasha 211 A. R. Miss Sharp 1546 A. R. O. In 4 y. 8 m. 2 d., 12.568 lbs. fat.
	Sallie Snow Flake Pietertje 2d 47141.	{ Sir Henry Chief 291 W. Sallie Snow Flake Pietertje 42092.

Owned and bred by Frank Brewster, Elkhorn, Wis. Calved November 11, 1901.

Description: Age 2 y. 11 m. 20 d.; dairy form; head, very fine; neck, clean, good length; chine, broad, open vertebræ; loin and hips, level, broad; rump, straight; escutcheon, soft, fine; mammary veins, large, fair length; udder, very good, quarters even; teats, good; handling, very good; secretions of skin, yellow; general appearance, vigorous; height, shoulders 51 inches, hips 53.5; length, body 60; width, hips 20.5, thurl 20; girth 74; weight, 1,000 lbs.; examiner, James A. Ford; examined October 31, 1904.

Official Butter Record: Dropped calf September 13, 1904, at 2 y. 10 m. 2 d. of age; commenced record October 22, 1904; closed record October 28; 7 days' production 8.481 lbs. butter fat; milk 298.7 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

**NO. 3784. NETHERLAND KATE MERCEDES 58289.**

NETHERLAND KATE  
MERCEDES 3784 A. R.  
O. In 3 y. 8 m. 26 d.,  
11.252 lbs. fat.

{	Monarch Netherland 312 A. R.	{ Clothilde Netherland Pasha 211 A. R. Miss Sharp 1546 A. R. O. In 4 y. 8 m. 2 d., 12.568 lbs. fat.
	Katie Mercedes Jettine 53251.	{ Jettine's Echo's Mercedes Prince 258 A. R. Yentje 3d's Daisy 17243.

Owned and bred by Frank Brewster, Elkhorn, Wis. Calved January 9, 1901.

Description: Age, 3 y. 9 m. 22 d.; dairy form; head, dishing, clean; neck, clean cut, good length; chine, open vertebræ, broad; loin and hips, wide, level; rump, slightly sloping; escutcheon, good; mammary veins, good size, fair length; udder, well balanced, quarters flexible; teats, good length; handling, very good; secretions of skin, yellow; general appearance, vigorous; height, shoulders 51 inches, hips 54.5; length, body 58.5; width, hips 21.5, thurl 21.5; girth 80; weight 1,050 lbs.; examiner, James A. Ford; examined October 31, 1904.

Official Butter Record: Dropped calf October 5, 1904, at 3 y. 8 m. 26 d. of age; commenced record October 21, 1904; closed record October 27; 7 days' production 11.252 lbs. butter fat; milk 313.4 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

#### NO. 3785. MISS LELAND 58042.

MISS LELAND 3785 A. R. O. In 3 y. 8 m. 2 d., 11.517 lbs. fat.	{	Monarch Netherland 312 A. R.	{	Clothilde Netherland Pasha 211 A. R.
		Leland Pride 2790 A. R. O. In 6 y. 8 m. 14 d., 15.712 lbs. fat.		Miss Sharp 1546 A. R. O. In 4 y. 8 m. 2 d., 12.568 lbs. fat.
			{	Antje Vriend's Mercedes Prince 88 A. R.
			{	Beauty of Leland 3677 H.

Owned and bred by Frank Brewster, Elkhorn, Wis. Calved January 3, 1901.

Description: Age, 3 y. 9 m. 25 d.; dairy form; head, long, clean cut, dishing; neck, good length, clean; chine, broad, open vertebræ; loin and hips, good, level; rump, very good; escutcheon, good; mammary veins, good length, good size; udder, well balanced, quarters all good; teats, good length; handling, very fine; secretions of skin, very good; general appearance, vigorous; height, shoulders 52.5 inches, hips 55.5; length, body 60; width, hips 23.5, thurl 21; girth 89; weight, 1,200 lbs.; examiner, James A. Ford; examined October 28, 1904.

Official Butter Record: Dropped calf September 5, 1904, at 3 y. 8 m. 2 d. of age; commenced record October 21, 1904; closed record October 27; 7 days' production 11.517 lbs. butter fat; milk 302.4 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

#### NO. 3786. DAISY SHARP 58044.

✓ DAISY SHARP 3786 A. R. O. In 3 y. 8 m. 19 d., 12.743 lbs. fat.	{	Monarch Netherland 312 A. R.	{	Clothilde Netherland Pasha 211 A. R.
		Juma Girl Mercedes 47094.		Miss Sharp 1546 A. R. O. In 4 y. 8 m. 2 d., 12.568 lbs. fat.
			{	Jettine's Echo's Mercedes Prince 258 A. R.
			{	Juma Girl 35063.

Owned and bred by Frank Brewster, Elkhorn, Wis. Calved December 28, 1900.

Description: Age 3 y. 10 m. 2 d.; milk form; head, dishing, good length; neck, clean, good length; chine, broad, open vertebræ; loin and hips, broad, level; rump, slightly sloping; escutcheon, good; mammary veins, long, good size; quarters of udder flexible; teats, all good but one; handling, very good; secretions of skin, yellow, abundant; general appearance, vigorous; height, shoulders 51 inches, hips 54; length, body 63; width, hips 21, thurl 21; girth 74; weight, 1,050 lbs.; examiner, James A. Ford; examined October 30, 1904.

Official Butter Record: Dropped calf September 17, 1904, at 3 y. 8 m. 19 d. of age; commenced record October 23, 1904; closed record October 29; 7 days' production 12.743 lbs. butter fat; milk 348.1 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

#### NO. 3787. FALL BREEZE DURAND 48846.

FALL BREEZE DURAND  
3787 A. R. O. In 6 y. 4  
m. 25 d., 12.567 lbs. fat.

Sir Henry Chief 291 W.

{ Sir Henry of Maplewood  
2933 H.  
Orient's Gracia 6973.

Fall Breeze 2d 4644.

{ Antje Vriend's Mercedes  
Prince 88 A. R.  
Fall Breeze 17666.

Owned by Frank Brewster, Elkhorn, Wis. Bred by F. P. Cross, Durand, Ill.  
Calved June 1, 1898.

Description: Age, 6 y. 4 m. 29 d.; dairy form; head, clean, dishing; neck, good length, clean cut; chine, broad, open vertebræ; loin and hips, broad, level; rump, straight, level; escutcheon, good; mammary veins, fairly long, good size; udder, good quality, quarters even; teats, a little small; handling, a little meaty; secretions of skin, yellow; general appearance, vigorous; height, shoulders 53 inches, hips 54; length, body 61.5, rump 20; width, hips 21.5, thurl 21; girth 80.5; weight, 1,250 lbs.; examiner, James A. Ford; examined October 30, 1904.

Official Butter Record: Dropped calf October 26, 1904, at 6 y. 4 m. 25 d. of age; commenced record November 7, 1904; closed record November 13; 7 days' production 12.567 lbs. butter fat; milk 387.1 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

#### NO. 3788. LADY AGNES OF AVONDALE 63442.

LADY AGNES OF AVON-  
DALE 3788 A. R. O. In  
5 y. 8 m. 23 d., 14.532 lbs.  
fat.

Catholine Baron 31520.

{ Siepkje 3d's Mink's Mercedes  
Baron 16041.  
Catholine 5th 30755.

Lady Alice Geldertje 2825 A.  
R. O. In 8 y. 9 m., 12.662  
lbs. fat.

{ Geldertje Westwoud 31593.  
Cornelia P. 2d 24970.

Owned by George Rice, Tillsonburg, Ont. Bred by Daniel O'Mahony, Renton,  
Ont. Calved February 27, 1899.



Official Butter Record: Dropped calf November 20, 1904, at 5 y. 8 m. 23 d. of age; commenced record November 27, 1904; closed record December 3; 7 days' production 14.532 lbs. butter fat; milk 348 lbs.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

### ARTIS HENGERVELD DE KOL 2324 A. R. O. 54499.

ARTIS HENGERVELD DE KOL 2324 A. R. O. In 4 y. 7 m. 17 d., 15.240 lbs. fat.	{	De Kol 2d's Butter Boy 2d 147 A. R.	{	Manor De Kol 130 A. R.
		Toitilla De Kol 48815.	{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	De Kol Artis 189 A. R.
			{	Toitilla 13232.

Owned by Stevens Brothers, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 217.]

Second Official Butter Record: Dropped calf September 29, 1904, at 4 y. 7 m. 17 d. of age; commenced record October 7, 2 p. m., 1904; closed record October 14, 6 a. m.; 7 days' production 15.240 lbs. butter fat; milk 427.5 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

### NO. 3789. PONTIAC GRILLA 56977.

PONTIAC GRILLA 3789 A. R. O. In 3 y. 1 m. 16 d., 11.999 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Pontiac Mechthilde 2066 A. R. O. In 6 y. 11 m. 29 d., 16.904 lbs. fat.	{	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
			{	Mechthilde's Sir Henry of Maplewood 201 A. R.
			{	Grilla's Echo 1218 A. R. O. In 5 y. 2 m. 20 d., 14.765 lbs. fat.

Owned by Stevens Brothers, Lacona, N. Y. Bred by Eastern Michigan Asylum, Pontiac, Mich. Calved August 2, 1901.

Official Butter Record: Dropped calf September 18, 1904, at 3 y. 1 m. 16 d. of age; commenced record October 8, 2 p. m., 1904; closed record October 15, 6 a. m.; 7 days' production 11.999 lbs. butter fat; milk 338 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**DORA DEAN INKA PIETERTJE 2035 A. R. O. 48313.**

DORA DEAN INKA PIETERTJE 2035 A. R. O. In 6 y. 7 m. 4 d., 14.668 lbs. fat.	{	Sir Inka Pietertje 19172.	{	Milla's Pietertje Netherland 83 A. R.
				Inka Princess 867 A. R. P. In 1 y. 11 m. 10 d., 15 lbs. 10 oz. butter by churn.
		Dora Dean 4th 35667.		Orphe's Lytle 13685.
				Dora Dean 2925 H.

Owned by W. A. Carr, Vesper, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 56.]

Second Official Butter Record: Dropped calf September 28, 1904, at 6 y. 7 m. 4 d. of age; commenced record November 9, 8.45 p. m., 1904; closed record November 16, 1 p. m.; 7 days' production 14.668 lbs. butter fat; milk 471.3 lbs.

Attested by D. E. Carley, Cornell University Agricultural Experiment Station.

**NO. 3790. LADY WIT PIETERTJE BEETS 43880.**

LADY WIT PIETERTJE BEETS 3790 A. R. O. In 7 y. 2 m. 13 d., 16.163 lbs. fat.	{	Koningen Sir Rolland 21559.	{	Isaac Spofford 15130.
				Veeman Koningen 27480.
		Aaggie Wit Pietertje Beets 39692.		Count Pietertje Beets 16618.
				Aaggie Wit 2d's Lucy 8331.

Owned by W. A. Carr, Vesper, N. Y. Bred by Charles Hunt, Delphi, N. Y. Calved, August 5, 1897.

Official Butter Record: Dropped calf October 18, 1904, at 7 y. 2 m. 13 d. of age; commenced record November 9, 8.45 p. m., 1904; closed record November 16, 1 p. m.; 7 days' production 16.163 lbs. butter fat; milk 466.9 lbs.

Attested by D. E. Carley, Cornell University Agricultural Experiment Station.

**NO. 3791. PARTHENEAE CLOTHILDE NITA 66402.**

PARTHENEAE CLOTHILDE NITA 3791 A. R. O. In 1 y. 10 m. 25 d., 9.448 lbs. fat.	{	Norma De Kol 2d's Parthenaea 254 A. R.	{	Nebraska Parthenaea Sir Henry 24663.
				Norma De Kol 2d 42730.
		Nita Clothilde 2033 A. R. O. In 2 y. 2 d., 9.676 lbs. fat.		Sir Clothilde 18167.
				Emperor De Witt's Nitta 35585.

Owned by W. A. Carr, Vesper, N. Y. Bred by Jonathan Wyckoff, Navarino, N. Y. Calved September 27, 1902.

Official Butter Record: Dropped calf August 22, 1904, at 1 y. 10 m. 25 d. of age; commenced record November 10, 1904; closed record November 16; 7 days' production 9.448 lbs. butter fat; milk 306.7 lbs.

Attested by D. E. Carley, Cornell University Agricultural Experiment Station.

# **NO. 3792. STARLIGHT MAID 49815.**

STARLIGHT MAID 3792 A. R. O. In 5 y. 10 m. 19 d., 13.410 lbs. fat.	{	Netherland De Kol Pietertje 267 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Netherland Pietertje Hartog 1181 A. R. O. In 4 y. 1 m. 14 d., 10.972 lbs. fat.
		{ Marion Pride 40778.	{ Noeton 19817.
			{ Iosco Pride 26595.

Owned by George Rice, Tillsonburg, Ont. Bred by H. W. Norton, Howell, Mich.  
Calved November 5, 1898.

Official Butter Record: Dropped calf September 24, 1904, at 5 y. 10 m. 19 d. of age; commenced record November 1, 1904; closed record November 7; 7 days' production 13.410 lbs. butter fat; milk 394.9 lbs.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

# **NO. 3793. WAYNE NORINE FOETA 67069.**

WAYNE NORINE FOETA 3793 A. R. O. In 2 y. 4 m. 2 d., 7.924 lbs. fat.	{	Prince Astrea Mechthilde 27128.	{ Mechthilde's Sir Henry of Maplewood 201 A. R.
			{ Astrea Paula Aaggie 1219 A. R. O. In 2 y. 11 m. 11 d., 12.843 lbs. fat.
		{ Norine Wayne Pride 58952.	{ Prince Astrea Mechthilde 27128.
			{ Lady Wayne Norine 2150 A. R. O. In 6 y. 4 m. 14 d., 49.203 lbs. fat 21 d.

Owned by George Rice, Tillsonburg, Ont. Bred by T. S. S. Curdy, Howell, Mich.  
Calved April 19, 1902.

Official Butter Record: Dropped calf August 11, 1904, at 2 y. 4 m. 2 d. of age; commenced record November 9, 1904; closed record November 15; 7 days' production 7.924 lbs. butter fat; milk 244.7 lbs.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

**NO. 3794. BEWUNDE AAGGIE PEARL 2D 66545.**

<b>BEWUNDE AAGGIE PEARL</b> , 2d 3794 A. R. O. In 1 y. 11 m. 11 d., 8.570 lbs. fat.	{	Sir Pride of Whittaker 29413.	{	Sir Jewel Jantje Mechthilde 212 A. R.
		Bewunde Aaggie Pearl 57256.		Pride of Whittaker 2102 A. R. O. In 3 y. 8 m. 26 d., 11.674 lbs. fat.
				Sir Jewel Jantje Mechthilde 212 A. R.
				Bewunde's Aaggie 1078 A. R. P. In 5 y. 7 m. 5 d., 29 lbs. 5 oz. butter by churn.

Owned by George Rice, Tillsonburg, Ont. Bred by Harvey S. Day, Willis, Mich.  
Calved October 6, 1902.

Official Butter Record: Dropped calf September 17, 1904, at 1 y. 11 m. 11 d. of age; commenced record November 1, 1904; closed record November 7; 7 days' production 8.570 lbs. butter fat; milk 209.8 lbs.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

**JOHANNA THERESA 2614 A. R. O. 52062.**

<b>JOHANNA THERESA 2614</b> A. R. O. In 5 y. 5 m. 4 d., 17.275 lbs. fat.	{	Johanna Rue 2d's Paul De Kol 187 A. R.	{	Paul Mutual De Kol 18726.
		Theresa Van Beers 2767 A. R. O. In 7 y. 3 d., 15.701 lbs. fat.		Johanna Rue 2d 1105 A. R. O. In 5 y. 3 m. 13 d., 17.027 lbs. fat.
				Netherland Van Beers 221 A. R.
				Theresa 1955 H.

Owned by A. L. Williams, Fond du Lac, Wis.

[Entry of additional records. For description and previous records see Vol. XIV, page 123.]

Second Official Butter Record: Dropped calf October 28, 1904, at 5 y. 5 m. 4 d. of age; commenced record November 6, 1904; closed record November 13; 7 days' production 17.275 lbs. butter fat; milk 514.5 lbs..

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

**NO. 3795. JOHANNA MERCEDES 66888.**

<b>JOHANNA MERCEDES</b> 3795 A. R. O. In 1 y. 11 m. 28 d., 10.430 lbs. fat.	{	Johanna Rue 2d's Paul De Kol 187 A. R.	{	Paul Mutual De Kol 18726.
		Juma Girl Mercedes 47094.		Johanna Rue 2d 1105 A. R. O. In 5 y. 3 m. 13 d., 17.027 lbs. fat.
				Jettine's Echo's Mercedes Prince 258 A. R.
				Juma Girl 35063.

Owned by A. L. Williams, Fond du Lac, Wis. Bred by Frank Brewster, Elkhorn, Wis. Calved October 30, 1902.

Description: Age, 2 y. 12 d.; head, long, well proportioned; neck, slender, clean; chine, quite straight, open vertebrae; loin, wide and long; hips, almost level; rump, high pelvic arch; escutcheon, high, wide; udder, very well carried forward, quarters well proportioned; teats, even, large; handling, fair; secretions of skin, abundant; general appearance, vigorous; height, shoulders 49.5 inches, hips 52; length, body 61, rump 18.75; width, hips 19.25, thurl 19.50; girth, 55.25; weight 875 lbs.; examiner, Frank Stark; examined November 12, 1904.

Official Butter Record: Dropped calf October 28, 1904, at 1 y. 11 m. 28 d. of age; commenced record November 6, 1904; closed record November 13; 7 days' production 10,430 lbs. butter fat; milk 311.3 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

### NO. 3796. VALLEY FARM NETHERLAND 2D 54993.

VALLEY FARM NETHERLAND 2d 3796 A. R. P. In 1 y. 10 m. 13 d., 9,971.4 lbs. milk 1 y.	Pietertje Alban De Kol 173 A. R.	De Kol 2d's Butter Boy 129 A. R.
		Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15,202 lbs. fat.
	Valley Farm Netherland 1950 A. R. O. In 4 y. 10 d., 10,638 lbs. fat.	Sir Abbekerk Burke 240 A. R.
		Jannek Netherland Clothilde 2d 1755 A. R. P. In 2 y. 1 m. 29 d., 8,696 lbs. milk 10 m.

Owned and bred by Don J. Wood, West Winfield, N. Y. Calved November 8, 1900.

Milk Record: Dropped calf September 25, 1902, at 1 y. 10 m. 13 d. of age; commenced record September 26, 1902; closed record September 26, 1903; 1 year's production 9,971.4 lbs.; ten months' production 8,610.8 lbs.

Attested by Don J. Wood.

### JANNEK BELLE DE KOL 2993 A. R. O. 60831.

JANNEK BELLE DE KOL 2993 A. R. O. In 2 y. 8 d., 9,971 lbs. fat.	Pietertje Alban De Kol 173 A. R.	De Kol 2d's Butter Boy 129 A. R.
		Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15,202 lbs. fat.
	Jannek Belle 2d 1112 A. R. P. In 2 y. 13 d., 357 1/4 lbs. milk 10 d.	Aaggie Grace's Boy 7068.
		Jannek Belle 6280.

Owned by Don J. Wood, West Winfield, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 98.]

Milk Record: Dropped calf September 16, 1903, at 2 y. 8 d. of age; commenced record September 17, 1903; closed record July 16, 1904; 10 months' production 7,811 lbs.; first 10 days' test 419.4 lbs.; second 10 days' test 309.8 lbs.

Attested by Don J. Wood, Melvin Alderman and Ai Ceperley.



**NO. 3797. OAK DE KOL 2D 66793.**

<b>OAK DE KOL 2d 3797 A.</b> R. O. In 1 y. 10 m. 20 d., 9.211 lbs. fat.	{ Homestead Jr. De Kol 342 A. R.	{ Paul De Kol Jr. 346 A. R. Homestead Heroine De Kol 3698 A. R. O. In 6 y. 1 m. 24 d., 14.693 lbs. fat.
<b>Oak De Kol 3043 A. R. O.</b> In 4 y. 7 m. 21 d., 15.290 lbs. fat.	{ De Kol Burke 162 A. R. Lady Oak 2d 1684 A. R. O. In 7 y. 2 m. 11 d., 17.189 lbs. fat.	

Owned and bred by S. B. Jones & Son, Watertown, Wis. Calved November 27, 1902.

Description: Age, 1 y. 11 m. 13 d.; dairy form; head, proportionate, moderately symmetrical; neck, long; chine, straight, prominent, open veterbræ; loin and hips, wide, nearly level; rump, wide, nearly level; escutcheon, fair; mammary veins, long, moderately large; udder, very capacious, flexible, quarters nearly even; teats, good; handling, superior; secretions of skin, oily, moderately abundant; general appearance, healthy, vigorous; height, shoulders 51 inches, hips 53.5; length, body 58, rump 20.5; width, hips 20.5, thurl 17; girth 69; weight, 850 lbs.; examiner, O. J. Hanzlik; examined November 10, 1904.

Official Butter Record: Dropped calf October 17, 1904, at 1 y. 10 m. 20 d. of age; commenced record October 26, 1904; closed record November 1; 7 days' production 9.211 lbs. butter fat; milk 273.1 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**NO. 3798. WILD ROSE JONES 2D'S PIEBE 59207.**

<b>WILD ROSE JONES 2d's</b> <b>PIEBE 3798 A. R. O. In</b> 3 y. 7 m. 17 d., 10.156 lbs. fat.	{ Piebe De Kol Burke 165 A. R.	{ De Kol Burke 162 A. R. Piebe Queen 2d 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.
	{ Wild Rose Jones 2d 1914 A. R. O. In 7 y. 8 m. 17 d., 80.420 lbs. fat 35 d.	{ Aaltje Salo 3d's Tritomia Netherland 121 A. R. Wild Rose Jones 28773.

Owned by S. B. Jones & Son, Watertown, Wis. Bred by S. B. Jones, Hustisford, Wis. Calved February 11, 1901.

Description: Age, 3 y. 8 m. 29 d.; dairy and beef form; head, symmetrical, proportionate; neck, long, fine; chine, straight, open vertebræ; loin and hips, wide, level; rump, wide, high; escutcheon, good; mammary veins, long, crooked, large; udder, flexible, capacious, quarters nearly even; teats, good; handling, good; secretions of skin, oily, abundant; general appearance, vigorous, healthy; height, shoulders 55 inches, hips 57; length, body 65, rump 20; width, hips 21.5, thurl 20; girth 76; weight, 1,150 lbs. Est.; examiner, O. J. Hanzlik; examined November 10, 1904.

Official Butter Record: Dropped calf September 28, 1904, at 3 y. 7 m. 17 d. of age; commenced record October 20, 1904; closed record October 26; 7 days' production 10.156 lbs. butter fat; milk 255.1 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**NO. 3799. DINAH AALTJE 3D 52757.**

DINAH AALTJE 3d 3799 A. R. O. In 5 y. 25 d., 14.207 lbs. fat.	{	Baron Pauline De Kol 161 A. R.	{ De Kol 2d's Butter Boy 129 A. R. Lady Pauline De Kol 39516.
		Dinah Aaltje 37832.	{ Aaltje Salo 2d's Carl 19484. Mary R. 5146.

Owned by S. B. Jones & Son, Watertown, Wis. Bred by Estate of E. M. Jones, Hustisford, Wis. Calved October 16, 1899.

Description: Age, 5 y. 1 m. 4 d.; dairy and beef form; head, symmetrical, proportionate; neck, medium length and size; chine, straight, full; loin and hips, wide, nearly level; rump, wide, high; escutcheon, good; mammary veins, large, fair length; udder, capacious, flexible, quarters even; teats, good; handling, superior; secretions of skin, oily, abundant; general appearance, healthy vigorous; height, shoulders 55 inches, hips 56; length, body 65, rump 21; width, hips 23, thurl 19.5; girth 77; weight, 1,225 lbs.; examiner, O. J. Hanzlik; examined November 10, 1904.

Official Butter Record: Dropped calf October 31, 1904, at 5 y. 25 d. of age; commenced record November 6, 1904; closed record November 12; 7 days' production 14.207 lbs. butter fat; milk 407 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**NO. 3800. JESSIE FOBES 6TH'S HOMESTEAD 64296.**

JESSIE FOBES 6th's HOMESTEAD 3800 A. R. O. In 2 y. 5 m. 4 d., 9.274 lbs. fat.	{	Homestead Jr. De Kol 342 A. R.	{ Paul De Kol Jr. 346 A. R. Homestead Heroine De Kol 3698 A. R. O. In 6 y. 1 m. 24 d., 14.693 lbs. fat.
		Jessie Fobes 6th 41722.	{ Aaltje Salo 3d's Tritomia Netherland 121 A. R. Jessie Fobes 19526.

Owned and bred by S. B. Jones & Son, Watertown, Wis. Calved May 20, 1902.

Description: Age, 2 y. 5 m. 19 d.; dairy and beef form; head, proportionate, symmetrical; neck, fairly long; chine, moderately straight; loin and hips, wide, nearly level; rump, wide, moderately high; escutcheon, good; mammary veins, moderately long, branching, large; udder, capacious, flexible, quarters nearly even; teats, good; handling, superior; secretions of skin, abundant, oily; general appearance, healthy, vigorous; height, shoulders 54.5 inches, hips 56; length, body 62, rump 20.5; width, hips 20.5, thurl 19.5; girth 72; weight, 925 lbs. Est.; examiner, O. J. Hanzlik; examined November 9, 1904.

Official Butter Record: Dropped calf October 24, 1904, at 2 y. 5 m. 4 d. of age; commenced record November 2, 1904; closed record November 9; 7 days' production 9.274 lbs. butter fat; milk 260.9 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### NO. 3801. GRACE FAYNE 2D'S GIRL 58642.

GRACE FAYNE 2d's GIRL, 3801 A. R. O. In 3 y. 7 m. 10 d., 12.372 lbs. fat.	{	De Kol Burke 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Grace Fayne 2d 1478 A. R. O. In 7 y. 2 m. 25 d., 85.859 lbs. fat 30 d.		Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
				Aaltje Salo 3d's Tritomia Netherland 121 A. R.
				Grace Fayne 37840.

Owned and bred by S. B. Jones & Son, Watertown, Wis. Calved February 28, 1901.

Description: Age, 3 y. 8 m. 11 d.; dairy and beef form; head, symmetrical, proportionate; neck, moderately long, fine; chine, slightly arched, open veterbræ; loin and hips, wide, nearly level; rump, wide, moderately level; escutcheon, good; mammary veins, moderately large, long; udder, capacious, flexible, quarters even; teats, good; handling, good; secretions of skin, oily, moderately abundant; general appearance, vigorous; height, shoulders 56 inches, hips 57.5; length, body 64, rump 19.5; width, hips 22, thurl 20; girth 79; weight, 1,100 lbs. Est.; examiner, O. J. Hanzlik; examined November 9, 1904.

Official Butter Record: Dropped calf October 8, 1904, at 3 y. 7 m. 10 d. of age; commenced record October 21, 1904; closed record October 28; 7 days' production 12.372 lbs. butter fat; milk 341.3 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### LOST WONDER PIEBE 2558 A. R. O. 56944.

LOST WONDER PIEBE ✓ 2558 A. R. O. In 4 y. 16 d., 12.358 lbs. fat.	{	Piebe De Kol Burke 165 A. R.	{	De Kol Burke 162 A. R.
		Lost Wonder 1578 A. R. O. In 3 y. 1 m. 5 d., 9.565 lbs. fat.		Piebe Queen 2d 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.
				Aaltje Salo 3d's Tritomia Netherland 121 A. R.
				Lady Longfield 2d 1476 A. R. O. In 7 y. 2 m. 29 d., 14.001 lbs. fat.

Owned by S. B. Jones & Son, Watertown, Wis.

[Entry of additional records. For description and previous records see Vol. XIV, page 95, Vol. XV, page 127.]

Third Official Butter Record: Dropped calf October 12, 1904, at 4 y. 16 d. of age; commenced record October 22, 1904; closed record October 28; 7 days' production 12.358 lbs. butter fat; milk 351 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**JESSIE FOBES MAUD BURKE 2559 A. R. O. 56945.**

JESSIE FOBES MAUD BURKE 2559 A. R. O. In 4 y. 6 d., 12.105 lbs. fat.	De Kol Burke 162 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Jessie Fobes 2d's Maud 37841.	Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
		Aaltje Salo 3d's Tritomia Netherland 121 A. R.
		Jessie Fobes 2d 28772.

Owned by S. B. Jones & Son, Watertown, Wis.

[Entry of additional records. For previous records see Vol. XIV, page 96.]

Description: Age, 4 y. 29 d.; dairy and beef form; head, proportionate, symmetrical; neck, long, fine; chine, nearly straight, open veterbræ; loin and hips, wide, level; rump, wide, fairly high; escutcheon, fair; mammary veins, long, crooked, large; udder, capacious, flexible, quarters nearly even; teats, good; handling, superior; secretions of skin, oily, moderately abundant; general appearance, healthy, vigorous; height, shoulders 56 inches, hips 58; length, body 65, rump 21.5; width, hips 21.5, thurl 20.5; girth 74.5; weight, 1,125 lbs. Est.; examiner, O. J. Hanzlik; examined November 9, 1904.

Second Official Butter Record: Dropped calf October 16, 1904, at 4 y. 6 d. of age; commenced record October 27, 1904; closed record November 2; 7 days' production 12.105 lbs. butter fat; milk 403.9 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**NO. 3802. MANOR DE KOL'S LADY HARTOG 49345.**

MANOR DE KOL'S LADY HARTOG 3802 A. R. O. In 5 y. 11 m. 22 d., 14.603 lbs. fat.	Manor De Kol 130 A. R.	De Kol 2d's Netherland 118 A. R.
	Hartog Netherland 28457.	Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.
		Inka's Pietertje Netherland 119 A. R.
		Patty's Pet 1256 A. R. O. In 11 y. 2 d., 16.207 lbs. fat.

Owned by S. B. Jones & Son, Watertown, Wis. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved October 16, 1898.

Description: Age, 6 y. 23 d.; dairy form; head, symmetrical, proportionate; neck, fine; chine, straight, open vertebrae; loin and hips, wide, level; rump, wide, level; escutcheon, wide, high; mammary veins, large, long; udder, capacious, flexible, quarters nearly even; teats, good; handling, superior; secretions of skin, abundant, oily; general appearance, healthy, vigorous; height, shoulders 55 inches, hips 55.5; length, body 66, rump 21; width, hips 21, thurl 17.5; girth 74.5; weight, 1,075 lbs. Est.; examiner, O. J. Hanzlik; examined November 9, 1904.

Official Butter Record: Dropped calf October 8, 1904, at 5 y. 11 m. 22 d. of age; commenced record October 20, 1904; closed record October 26; 7 days' production 14.603 lbs. butter fat; milk 362.2 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**NO. 3803. BELLE NETHERLAND JOHANNA 62304.**

<b>BELLE NETHERLAND JOHANNA 3803 A. R. O.</b> In 1 y. 11 m. 27 d., 9.504 lbs. fat.	{ Johanna Rue 3d's Lad 280 A. R. { Sarcastic Lad 194 A. R. Johanna Rue 3d 1337 A. R. O. In 5 y. 6 m. 21 d., 19.392 lbs. fat.	}
<b>Belle Netherland Clothilde</b> 1888 A. R. O. In 8 y. 7 m. 9 d., 18.981 lbs. fat.	{ Clothilde 3d's Sir Netherland 16215. Belle of Opperdoes 4th 5273.	}

Owned and bred by A. A. Cortelyou, Neshanic, N. J. Calved October 11, 1902.

Official Butter Record: Dropped calf October 8, 1904, at 1 y. 11 m. 27 d. of age; commenced record November 10, 1904; closed record November 16; 7 days' production 9.504 lbs. butter fat; milk 271.7 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**NO. 3804. JOHANNA ALBINA DE KOL 62305.**

<b>JOHANNA ALBINA DE KOL 3804 A. R. O.</b> In 1 y. 10 m. 16 d., 8.254 lbs. fat.	{ Johanna Rue 3d's Lad 280 A. R. { Sarcastic Lad 194 A. R. Johanna Rue 3d 1337 A. R. O. In 5 y. 6 m. 21 d., 19.392 lbs. fat.	}
<b>Albina Vernon De Kol 2610</b> A. R. O. In 2 y. 1 m. 2 d., 10.517 lbs. fat.	{ Homestead Vernon De Kol 220 A. R. Albina De Kol 41277.	}

Owned and bred by A. A. Cortelyou, Neshanic, N. J. Calved October 28, 1902.

Official Butter Record: Dropped calf September 14, 1904, at 1 y. 10 m. 16 d. of age; commenced record November 10, 1904; closed record November 16; 7 days' production 8.254 lbs. butter fat; milk 236.7 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**NO. 3805. JOHANNA QUEEN MECHTHILDE 67290.**

<b>JOHANNA QUEEN MECHTHILDE 3805 A. R. O.</b> In 1 y. 14 m. 7 d., 10.033 lbs. fat.	{ Sir Johanna Wit De Kol 28158. { Johanna Rue 2d's Paul De Kol 187 A. R. Linda Wit 1675 A. R. O. In 10 y. 1 m. 20 d., 15.116 lbs. fat.	}
<b>Hat Mechthilde 61261.</b>	{ Sir Barnum Mechthilde 325 A. R. Hat 10186 H.	}



Owned by A. A. Cortelyou, Neshanic, N. J. Bred by J. G. Olney, Vernon, Mich.  
Calved November 5, 1902.

Official Butter Record: Dropped calf October 12, 1904, at 1 y. 11 m. 7 d. of age; commenced record November 10, 1904; closed record November 16; 7 days' production 10.033 lbs. butter fat; milk 297.2 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

### NO. 3806. SUSIE COUNTESS JOHANNA 62299.

SUSIE COUNTESS JOHANNA 3806 A. R. O. In 2 y. 21 d., 10.187 lbs. fat.	Johanna Rue 3d's Lad 280 A. R.	Sarcastic Lad 194 A. R.
	Susie De Kol's Countess 2550 A. R. O. In 6 y. 11 m. 28 d., 13.743 lbs. fat.	Johanna Rue 8d 1337 A. R. O. In 5 y. 6 m. 21 d., 19.392 lbs. fat.
		Count Mechthilde De Kol 242 A. R.
		Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.

Owned and bred by A. A. Cortelyou, Neshanic, N. J. Calved September 22, 1902.

Official Butter Record: Dropped calf October 13, 1904, at 2 y. 21 d. of age; commenced record November 10, 1904; closed record November 16; 7 days' production 10.187 lbs. butter fat; milk 287.1 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

### NO. 3807. BUTTERCUP CLOTHILDE PIETERTJE 67747.

BUTTERCUP CLOTHILDE PIETERTJE 3807 A. R. O. In 1 y. 9 m. 10 d., 10.939 lbs. fat.	Clothilde Goudgeld Hugo 27525.	Clothilde Goudgeld Lad 25080.
	Daisy Pietertje Hartog 3619 A. R. O. In 4 y. 3 m. 1 d., 11.070 lbs. fat.	Carlotta Clothilde 40675.
		Prince Kuperus Pietertje Hartog 25871.
		Kate Pietertje H. 35168.

Owned and bred by A. A. Hartshorn, Hamilton, N. Y. Calved January 6, 1903.

Official Butter Record: Dropped calf October 16, 1904, at 1 y. 9 m. 10 d. of age; commenced record November 5, 1904; closed record November 11; 7 days' production 10.939 lbs. butter fat; milk 273.7 lbs.

Attested by F. R. Barnard, Cornell University Agricultural Experiment Station.

**NELLIE PIETERTJE HARTOG 3020 A. R. O. 49313.**

NELLIE PIETERTJE HARTOG 3020 A. R. O. In 6 y. 25 d., 15.650 lbs. fat.	{	Gold Boy Pietertje 358 A. R.	{	Gold Gem Pietertje 21229.
				Kate H. 5393.
	{	Kate Pietertje H. 35168.	{	Pietertje Hartog 137 A. R.
				Kate H. 5393.

Owned by A. A. Hartshorn, Hamilton, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 115.]

Second Official Butter Record: Dropped calf October 5, 1904, at 6 y. 25 d. of age; commenced record November 5, 10.45 a. m., 1904; closed record November 12, 4.45 a. m.; 7 days' production 15.650 lbs. butter fat; milk 455.8 lbs.

Attested by F. R. Barnard, Cornell University Agricultural Experiment Station.

**NO. 3808. PRILLY 40082.**

PRILLY 3808 A. R. O. In 9 y. 7 m. 25 d., 17.325 lbs. fat.	{	Plum 4th's Joe 20214.	{	Pledge's Joe 7418.
				Plum 4th 1180 A. R. O. In 6 y. 5 d., 15.519 lbs. fat.
	{	Patty's Gelsche 17498.	{	Gelsche's 2d Lad 466 D. F.
				Patty 1902 D. F.

Owned by A. A. Hartshorn, Hamilton, N. Y. Bred by Henry March, Morrisville, N. Y. Calved February 28, 1895.

Official Butter Record: Dropped calf October 23, 1904, at 9 y. 7 m. 25 d. of age; commenced record November 5, 1904; closed record November 11; 7 days' production 17.325 lbs. butter fat; milk 515.6 lbs.

Attested by F. R. Barnard, Cornell University Agricultural Experiment Station.

**BELLE DEWDROP 3142 A. R. O. 67841.**

BELLE DEWDROP 3142 A. R. O. In 3 y. 1 m. 15 d., 13.454 lbs. fat.	{	Dewdrop Clothilde De Kol 32311.	{	Prince De Kol Nicolo 23395.
				Dewdrop Clothilde Aaggie 1426 A. R. O. In 6 y. 5 m. 25 d., 13.215 lbs. fat.
	{	Putnam Belle 27902.	{	Gelske's Tritomia Prince 7486.
				Ymkje Bonnema 4131 H.

Owned by George Rice, Tillsonburg, Ont.

[Entry of additional records. For previous records see Vol. XV, page 187.]

Second Official Butter Record: Dropped calf October 20, 1904, at 3 y. 1 m. 15 d. of age; commenced record November 22, 1904; closed record November 28; 7 days' production 13.454 lbs. butter fat; milk 370.4 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf October 20, 1904, at 3 y. 1 m. 15 d. of age; commenced record November 1, 1904; closed record November 30; 30 days' production 53.941 lbs. butter fat; milk 1,529.9 lbs.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

### QUEEN PIETERTJE MERCEDES 3074 A. R. O. 49581.

QUEEN PIETERTJE MERCEDES 3074 A. R. O. In 6 y. 1 m. 26 d., 73.774 lbs. fat 30 d.	{	Pietertje Content 24615.	{	General Pietertje Burke 20692.
				Content 4th 45183.
	{	Spring Brook Queen A. 2159 A. R. O. In 7 y. 7 m. 4 d., 14.869 lbs. fat.	{	Tritomia Mercedes Clifden 5th 597 W.
				Bertha Wiersma 2d 1366 W.

Owned by George Rice, Tillsonburg, Ont.

[Entry of additional records. For previous records see Vol. XV, page 148.]

Second Official Butter Record: Dropped calf October 24, 1904, at 6 y. 1 m. 26 d. of age; commenced record November 2, 1904; closed record November 8; 7 days' production 18.860 lbs. butter fat; milk 448 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf October 24, 1904, at 6 y. 1 m. 26 d. of age; commenced record November 1, 1904; closed record November 30; 30 days' production 73.774 lbs. butter fat; milk 1,983.8 lbs.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

### NO. 3809. ADELAIDE BROOK DE KOL 48440.

ADELAIDE BROOK DE KOL 3809 A. R. O. In 5 y. 10 m. 11 d., 65.201 lbs. fat 30 d.	{	Sir Akkrum Pietertje De Kol 22519.	{	De Kol 2d's Butter Boy 129 A. R.
				Lady Akkrum's Pietertje 30667.
	{	Brook Pietertje 41698.	{	Lewis M. Pietertje 20051.
				Pride of Cedar Brook 19929.

Owned by George Rice, Tillsonburg, Ont. Bred by M. J. McPherson, Howell, Mich. Calved December 9, 1898.

Official Butter Record: Dropped calf October 20, 1904, at 5 y. 10 m. 11 d. of age; commenced record November 16, 1904; closed record November 22; 7 days' production 16.118 lbs. butter fat; milk 450.2 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf October 20, 1904, at 5 y. 10 m. 11 d. of age; commenced record November 1, 1904; closed record November 30; 30 days' production 65.201 lbs. butter fat; milk 1,871 lbs.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

**NO. 3810. PAULINE DE KOL KODIENNA 63883.**

PAULINE DE KOL KODI- ENNA 3810 A. R. O. In 2 y. 4 m. 4 d., 9.608 lbs. fat.	{	America Paul De Kol 25063.	{	Paul De Kol 97 A. R.	
		Kodienna 33497.		{	Pauline Paul America 2d 1226 A. R. O. In 2 y. 1 m. 13 d., 8.860 lbs. fat.
					Hampton Pel 14154.
					Bleske Lady 27106.

Owned by A. A. Cortelyou, Neshanic, N. J. Bred by Browning, Smith & McPherson, Howell, Mich. Calved May 3, 1902.

Official Butter Record: Dropped calf September 7, 1904, at 2 y. 4 m. 4 d. of age; commenced record November 10, 1904; closed record November 16; 7 days' production 9.608 lbs. butter fat; milk 274.7 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**NO. 3811. DAISY MERCEDES JOHANNA 63869.**

DAISY MERCEDES JO- HANNA 3811 A. R. O. In 2 y. 4 m. 4 d., 11.504 lbs. fat.	{	Sir Johanna Friend Clothilde 196 A. R.	{	Sarcastic Lad 194 A. R.	
		{		Johanna Friend 45164.	
		Daisy A. Mercedes 5th 3093 A. R. O. In 5 y. 1 m. 24 d., 15.282 lbs. fat.	{	De Kol 2d's Paul De Kol No. 2 154 A. R.	
			{	Daisy A. Mercedes 1423 A. R. O. In 11 y. 7 m. 10 d., 13.491 lbs. fat.	

Owned and bred by M. H. Gardner, Darien, Wis. Calved June 15, 1902.

Official Butter Record: Dropped calf October 19, 1904, at 2 y. 4 m. 4 d. of age; commenced record November 21, 1904; closed record November 28; 7 days' production 11.504 lbs. butter fat; milk 388.7 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**DAISY MERCEDES PIETERTJE 2D 2210 A. R. O. 53643.**

DAISY MERCEDES PIE- TERTJE 2d 2210 A. R. O. In 5 y. 13 d., 17.430 lbs. fat.	{	De Kol 2d's Paul De Kol No. 2 154 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.	
		{		May Hartog of Brookside 1174 A. R. O. In 3 y. 4 m. 23 d., 14.609 lbs. fat.	
		Daisy Mercedes Pietertje 46888.	{	Jeltje S.' Netherland's Pietertje 156 A. R.	
			{	Daisy A. Mercedes 2d 1395 A. R. O. In 5 y. 11 m. 11 d., 15.552 lbs. fat.	

Owned by M. H. Gardner, Darien, Wis.

[Entry of additional records. For previous records see Vol. XIII, page 154, Vol. XV, page 201.]

Third Official Butter Record: Dropped calf November 7, 1904, at 5 y. 13 d. of age; commenced record November 22, 1904; closed record November 28; 7 days' production 17.430 lbs. butter fat; milk 525.7 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

### SKYLARK DE KOL JOHANNA 3095 A. R. O. 62231.

SKYLARK DE KOL JOHANNA 3095 A. R. O. In 2 y. 11 m. 19 d., 16.514 lbs. fat.	{	Sir Johanna Friend Clothilde 196 A. R.	{	Sarcastic Lad 194 A. R.
		"		Johanna Friend 45164.
	{	Skylark Mercedes De Kol 2183 A. R. O. In 4 y. 1 m. 18 d., 18.185 lbs. fat.	{	De Kol 2d's Paul De Kol No. 2 154 A. R.
				Skylark Mercedes 1831 A. R. O. In 9 y. 9 m. 23 d., 14.890 lbs. fat.

Owned by M. H. Gardner, Darien, Wis.

[Entry of additional records. For previous records see Vol. XV, page 160.]

Second Official Butter Record: Dropped calf November 4, 1904, at 2 y. 11 m. 19 d. of age; commenced record November 22, 1904; closed record November 29; 7 days' production 16.514 lbs. butter fat; milk 497.9 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

### DAISY B. M. DE KOL 3096 A. R. O. 62232.

DAISY B. M. DE KOL 3096 A. R. O. In 2 y. 22 d., 11.945 lbs. fat.	{	De Kol 2d's Paul De Kol No. 2 154 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
		"		May Hartog of Brookside 1174 A. R. O. In 3 y. 4 m. 23 d., 14.609 lbs. fat.
	{	Daisy B. Mercedes 1957 A. R. O. In 11 y. 6 m. 24 d., 12.822 lbs. fat.	{	Tietje 2d's Mercedes Prince 5542.
				Daisy G. 10728.

Owned by M. H. Gardner, Darien, Wis.

[Entry of additional records. For previous records see Vol. XV, page 162.]

Second Official Butter Record: Dropped calf October 16, 1904, at 2 y. 11 m. 20 d. of age; commenced record November 9, 1904; closed record November 16; 7 days' production 11.767 lbs. butter fat; milk 330.6 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

### NO. 3812. DAISY MERCEDES LADY DE KOL 57762.

DAISY MERCEDES LADY DE KOL 3812 A. R. O. In 3 y. 11 m. 3 d., 10.805 lbs. fat.	{	De Kol 2d's Paul De Kol No. 2 154 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
		"		May Hartog of Brookside 1174 A. R. O. In 3 y. 4 m. 23 d., 14.609 lbs. fat.
	{	Daisy A. Mercedes 4th 2180 A. R. O. In 4 y. 1 m. 9 d., 11.687 lbs. fat.	{	Jeltje S. Netherland's Pietertje 156 A. R.
				Daisy A. Mercedes 1423 A. R. O. In 11 y. 7 m. 10 d., 13.491 lbs. fat.



Owned and bred by M. H. Gardner, Darien, Wis. Calved November 10, 1900.

Official Butter Record: Dropped calf October 13, 1904, at 3 y. 11 m. 3 d. of age; commenced record November 11, 1904; closed record November 18; 7 days' production 10.805 lbs. butter fat; milk 361.6 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**NO. 3813. LA POLKA DE KOL 56492.**

LA POLKA DE KOL 3813 A. R. O. In 4 y. 4 m. 28 d., 11.390 lbs. fat.	{	De Kol 2d's Paul De Kol Beauty 25461.	{	De Kol 2d's Paul De Kol 107 A. R.
		La Polka's Lady 2d 42996.		Lilith's Beauty 2d 1369 A. R. O. In 8 y. 3 m. 12 d., 32.315 lbs. fat 14 d.
			{	Sir Duke Aaggie 15352.
			{	La Polka's Lady 25104.

Owned by C. F. Hunt, Manlius, N. Y. Bred by George H. Ensign, Nelson, N. Y.  
Calved April 12, 1900.

Official Butter Record: Dropped calf September 10, 1904, at 4 y. 4 m. 28 d. of age; commenced record October 15, 1904; closed record October 22; 7 days' production 11.390 lbs. butter fat; milk 356.9 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**NO. 3814. AMA ACONETH HOUWTJE 54466.**

AMA ACONETH HOUWT- JE 3814 A. R. O. In 4 y. 7 m. 1 d., 13.370 lbs. fat.	{	Houwtje L. Pietertje 24968.	{	Lewis M. Pietertje 20051.
		Ama Aconeth De Kol 46841.		Houwtje 2941 H.
			{	Sir Akkrum Pietertje De Kol 338 A. R.
			{	Ama Aconeth Pietertje 40231.

Owned by C. F. Hunt, Manlius, N. Y. Bred by W. K. Sexton, Howell, Mich.  
Calved March 14, 1900.

Official Butter Record: Dropped calf October 15, 1904, at 4 y. 7 m. 1 d. of age; commenced record November 7, 10 a. m., 1904; closed record November 14, 4 a. m.; 7 days' production 13.370 lbs. butter fat; milk 493.5 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**NO. 3815. AAGGIE BELLE DOWAGER 60693.**

AAGGIE BELLE DOWAGER 3815 A. R. O. In 2 y. 6 m. 6 d., 9.252 lbs. fat.	{	Netherland Clothilde Aaggie 315 A. R.	{	Pasha Clothilde 20513.
			{	Aaggie's Second Daughter 900 A. R. P. In 2 y. 25 d., 15 lbs. 1 oz. butter by churn.
		Belle Dowager 2d 53281.	{	Prince Daisy Mechthilde 244 A. R.
			{	Belle Dowager 47381.

Owned by C. F. Hunt, Manlius, N. Y. Bred by J. R. Elliott, Woodward, Ia.  
Calved January 12, 1902.

Official Butter Record: Dropped calf July 18, 1904, at 2 y. 6 m. 6 d. of age; commenced record October 18, 10 a. m., 1904; closed record October 25, 4 a. m.; 7 days' production 9.252 lbs. butter fat; milk 285.8 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**NO. 3816. RACHEL HAMILTON 54307.**

RACHEL HAMILTON 3816 A. R. O. In 3 y. 11 m. 12 d., 12.407 lbs. fat.	{	Jewel Hamilton 26303.	{	Major Hamilton 21652.
			{	Midland Jewel 38948.
		Ann Rachel 3818 A. R. O. In 7 y. 11 m. 12 d., 64.256 lbs. fat 30 d.	{	Major Hamilton 21652.
			{	May Flower Rachel 27984.

Owned by C. F. Hunt, Manlius, N. Y. Bred by Freeborn Brothers, New Woodstock, N. Y. Calved October 8, 1900.

Official Butter Record: Dropped calf September 20, 1904, at 3 y. 11 m. 12 d. of age; commenced record October 20, 10 p. m., 1904; closed record October 27, 4 p. m.; 7 days' production 12.407 lbs. butter fat; milk 390.7 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**NO. 3817. CARLOTTA HAMILTON 51922.**

CARLOTTA HAMILTON 3817 A. R. O. In 5 y. 6 m. 12 d., 13.876 lbs. fat.	{	Hamilton De Kol 22814.	{	De Kol Pietertje King 21714.
			{	Beauty of Hamilton A. 35537.
		Carlotta E.'s Netherland 38013.	{	Inka's Pietertje Netherland 119 A. R.
			{	Carlotta E. 24350.

Owned by C. F. Hunt, Manlius, N. Y. Bred by Talbot Brothers, Burlington Flats, N. Y. Calved April 10, 1899.

Official Butter Record: Dropped calf October 22, 1904, at 5 y. 6 m. 12 d. of age; commenced record November 5, 10 p. m., 1904; closed record November 12, 4 p. m.; 7 days' production 13.876 lbs. butter fat; milk 448.1 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

### KATHLEEN PIETERTJE DE KOL 3085 A. R. O. 59922.

KATHLEEN PIETERTJE DE KOL 3085 A. R. O. In 3 y. 4 d., 13.859 lbs. fat.	{	Lord Byron of Chase 26418.	{ Lord Welsrijp 22065.
			{ Lady Jane C. 40401.
		Pietertje Adieno De Kol 3084 A. R. O. In 7 y. 7 m. 21 d., 17.494 lbs. fat.	{ King Holland Pietertje 2d 20999. Adieno De Kol 40175.

Owned by C. F. Hunt, Manlius, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 155.]

Second Official Butter Record: Dropped calf October 14, 1904, at 3 y. 4 d. of age; commenced record October 31, 10 p. m., 1904; closed record November 7, 4 p. m.; 7 days' production 13.859 lbs. butter fat; milk 376.4 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

### DAISY PEOPLES 3061 A. R. O. 51349.

DAISY PEOPLES 3061 A. R. O. In 5 y. 6 m. 9 d., 15.585 lbs. fat.	{	Prince Daisy Mechthilde 244 A. R.	{ Mechthilde's Sir Henry of Maplewood 201 A. R.
			{ Daisy Sindt 1217 A. R. O. In 4 y. 6 m. 24 d., 16.530 lbs. fat.
		May Peoples 46072.	{ Jeek's Prince 234 A. R. Maud Peoples 14459.

Owned by C. F. Hunt, Manlius, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 141.]

Second Official Butter Record: Dropped calf November 1, 1904, at 5 y. 6 m. 9 d. of age; commenced record November 12, 1904; closed record November 18; 7 days' production 15.585 lbs. butter fat; milk 418.4 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**NO. 3818. ANN RACHEL 54181.**

ANN RACHEL, 3818 A. R.  
O. In 7 y, 11 m. 12 d.,  
64.256 lbs. fat 30 d.

Major Hamilton 21652.

{ Pleasant Valley Mooie 132  
A. R.  
Anna Hamilton 20500.

May Flower Rachel 27984.

{ Sir Duke Aaggie 15352.  
La Polka's May Flower  
10437 H.

Owned by C. F. Hunt, Manlius, N. Y. Bred by Freeborn Brothers, New Woodstock, N. Y. Calved October 27, 1896.

Official Butter Record: Dropped calf October 9, 1904, at 7 y. 11 m. 12 d. of age; commenced record October 27, 4 p. m., 1904; closed record November 3, 10 a. m.; 7 days' production 16.251 lbs. butter fat; milk 505.2 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf October 9, 1904, at 7 y. 11 m. 12 d. of age; commenced record October 17, 4 p. m., 1904; closed record November 16, 10 a. m.; 30 days' production 64.256 lbs. butter fat; milk 1,973.3 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**CANARY STARLIGHT LASSIE B. 2631 A. R. O. 57908.**

CANARY STARLIGHT  
LASSIE B. 2631 A. R. O.  
In 3 y, 10 m. 21 d., 41.036  
lbs. fat 21 d.

Bishop Aaggie 26490.

{ Sir Netherland Pietertje  
Mechthilde 22454.  
Bewunde's Aaggie's Star  
2152 A. R. O. In 5 y. 8  
m. 16 d., 12.239 lbs. fat.

✓ Canary's Starlight 2151 A. R.  
O. In 4 y, 7 m. 15 d.,  
17.126 lbs. fat.

{ Canary's Mercedes Royal  
Climax 200 A. R.  
Canary 4284 H.

Owned by George Rice, Tillsonburg, Ont.

[Entry of additional records. For previous records see Vol. XIV, page 133.]

Second Official Butter Record: Dropped calf November 4, 1904, at 3 y. 10 m. 21 d. of age; commenced record November 14, 1904; closed record November 20; 7 days' production 14.018 lbs. butter fat; milk 356.5 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf November 4, 1904, at 3 y. 10 m. 21 d. of age; commenced record November 11, 1904; closed record December 1; 21 days' production 41.036 lbs. butter fat; milk 1,049 lbs.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

**MADONNA CLOTHILDE 3D 2561 A. R. O. 47980.**

MADONNA CLOTHILDE 3d 2561 A. R. O. In 6 y. 8 m. 24 d., 14.747 lbs. fat.	{	Monk Lyons 21327.	{ Lady Fay's Monk 17253.
		Madonna Clothilde 39565.	{ Lady of Lyons 240 A. R. P. In 2 y. 9 d., 8,761 5-16 lbs. milk 10 m.
			{ Pauline Paul's Grandson's Clothilde 279 A. R.
			{ Netherland Madonna 2d 34768.

Owned by George Rice, Tillsonburg, Ont.

[Entry of additional records. For previous records see Vol. XIV, page 98.]

Second Official Butter Record: Dropped calf November 14, 1904, at 6 y. 8 m. 24 d. of age; commenced record November 27, 1904; closed record December 3; 7 days' production 14.747 lbs. butter fat; milk 433.4 lbs.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

**NO. 3819. AAGGIE LUCY WIT 60698.**

AAGGIE LUCY WIT 3819 A. R. O. In 2 y. 7 m., 11.056 lbs. fat.	{	Netherland Clothilde Aaggie 315 A. R.	{ Pasha Clothilde 20513.
		Netherland Lucy Wit 1676 A. R. O. In 8 y. 2 m. 18 d., 14.912 lbs. fat.	{ Aaggie's Second Daughter 900 A. R. P. In 2 y. 25 d., 15 lbs. 1 oz. butter by churn.
			{ Netherland Van Beers 221 A. R.
			{ Lucy Wit 20453.

Owned by E. L. Buell, New Woodstock, N. Y. Bred by J. R. Elliott, Woodward, Ia. Calved March 5, 1902.

Official Butter Record: Dropped calf October 5, 1904, at 2 y. 7 m. of age; commenced record October 22, 4 p. m., 1904; closed record October 29, 10 a. m.; 7 days' production 11.056 lbs. butter fat; milk 324.1 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**NO. 3820. PAUL EUSEBIA DE KOL 52836.**

PAUL EUSEBIA DE KOL 3820 A. R. O. In 5 y. 4 m. 26 d., 18.742 lbs. fat.	{	McKinley Paul 316 A. R.	{ Neta Paul's Son 22125.
		Eusebia Paul 52835.	{ Neta Paul 5522 H.
			{ Neta Paul's Son 22125.
			{ Eusebia 2d's Maid 32005.

Owned by John R. Parsons, Earlville, N. Y. Bred by George West, Syracuse, N. Y. Calved May 16, 1899.



Official Butter Record: Dropped calf October 12, 1904, at 5 y. 4 m. 26 d. of age; commenced record November 12, 10 a. m., 1904; closed record November 19, 4 a. m.; 7 days' production 18.742 lbs. butter fat; milk 472.1 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

### NO. 3821. WESTERN DUCHESS BESSIE 65320.

WESTERN DUCHESS BESSIE 3821 A. R. O. In 2 y. 4 m. 14 d., 8.700 lbs. fat.	{	Oakland Clayuga Chief 317 A. R.	{ Pietertje Hengerveld's Paul De Kol 109 A. R.
			{ Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.
		Western Duchess 2456 A. R. O. In 8 y. 5 m. 18 d., 15.970 lbs. fat.	{ Romeo Aaggie 213 A. R. Lady Martin 2d 18635.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by Pierce Land and Stock Co., San Francisco, Cal. Calved May 21, 1902.

Official Butter Record: Dropped calf October 5, 1904, at 2 y. 4 m. 14 d. of age; commenced record November 15, 1904; closed record November 21; 7 days' production 8.700 lbs. butter fat; milk 264.7 lbs.

Attested by George E. Peoples, California Agricultural Experiment Station.

### BELLE KORNDYKE'S DAUGHTER 3054 A. R. O. 54085.

BELLE KORNDYKE'S DAUGHTER 3054 A. R. O. In 4 y. 9 m. 23 d., 15.548 lbs. fat.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{ Manor De Kol 130 A. R.
			{ De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Belle Korndyke 1449 A. R. O. In 10 y. 9 m. 13 d., 20.615 lbs. fat.	{ Silvan Hartog 8161. Kate Korndyke 238 D. F.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XV, page 136.]

Second Official Butter Record: Dropped calf October 29, 1904, at 4 y. 9 m. 23 d. of age; commenced record November 7, 1904; closed record November 13; 7 days' production 15.548 lbs. butter fat; milk 433.1 lbs.

Attested by George E. Peoples, California Agricultural Experiment Station.

**NO. 3822. A. & G. RHODA DE KOL COLANTHA 65526.**

A. & G. RHODA DE KOL COLANTHA 3822 A. R. O. In 2 y. 4 m. 8 d., 9.179 lbs. fat.	{	Johanna Rue 3d's Lad 280 A. R.	{	Sarcastic Lad 194 A. R.
		Rhoda De Kol Colantha 2531 A. R. O. In 4 y. 7 m. 18 d., 15.838 lbs. fat.		Johanna Rue 3d 1337 A. R. O. In 5 y. 6 m. 21 d., 19.392 lbs. fat.
			{	Homestead Vernon De Kol 220 A. R.
			{	Rhoda Colantha Beauty 1624 A. R. O. In 6 y. 7 m. 15 d., 15.117 lbs. fat.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by A. A. Cortelyou, Neshanic, N. J. Calved May 13, 1902.

Official Butter Record: Dropped calf September 21, 1904, at 2 y. 4 m. 8 d. of age; commenced record November 13, 1904; closed record November 19; 7 days' production 9.179 lbs. butter fat; milk 281.6 lbs.

Attested by George E. Peoples, California Agricultural Experiment Station.

**ROMA PRINCESS 2592 A. R. O. 49650.**

ROMA PRINCESS 2592 A. R. O. In 5 y. 3 m. 9 d., 14.188 lbs. fat.	{	Bijou Prince 217 A. R.	{	Beauty Prince 9355.
		Romeo Aaggie's Beauty 42192.		Lady Kathleen 22913.
			{	Romeo Aaggie 213 A. R.
			{	Astrea 8th's Best 18797.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XIV, page 113.]

Third Official Butter Record: Dropped calf October 4, 1904, at 5 y. 3 m. 9 d. of age; commenced record November 7, 1904; closed record November 13; 7 days' production 14.188 lbs. butter fat; milk 457.6 lbs.

Attested by George E. Peoples, California Agricultural Experiment Station.

**CORONA ARCTURUS 2507 A. R. O. 50966.**

CORONA ARCTURUS 2507 A. R. O. In 4 y. 9 m. 28 d., 12.626 lbs. fat.	{	Arcturus De Kol 23536.	{	Johanna 5th's Paul De Kol 22372.
		Corona Clifden 2671 A. R. O. In 6 y. 8 m. 19 d., 12.953 lbs. fat.		Romeo Aaggie's Beauty 42192.
			{	Romeo Aaggie 213 A. R.
			{	Mamie Clifden 1104.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XIV, page 65.]

Second Official Butter Record: Dropped calf October 2, 1904, at 4 y. 9 m. 28 d. of age; commenced record November 7, 1904; closed record November 13; 7 days' production 12.626 lbs. butter fat; milk 386.4 lbs.

Attested by George E. Peoples, California Agricultural Experiment Station.

#### RUDA 2D'S BELLE 2572 A. R. O. 42316.

RUDA 2d's BELLE 2572 A. R. O. In 8 y. 11 m. 4 d., 17.654 lbs. fat.	{	Santa Claus Clifden 21972.	{	Zumbro B. 11511.
			{	Texalbia Clifden 1113.
	{	Ruda 2d 14150.	{	Moovie Twisk 3d 67 A. R.
			{	Ruda 1564 D. F.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XIV, page 102.]

Second Official Butter Record: Dropped calf November 7, 1904, at 8 y. 11 m. 4 d. of age; commenced record November 13, 1904; closed record November 19; 7 days' production 17.654 lbs. butter fat; milk 433 lbs.

Attested by George E. Peoples, California Agricultural Experiment Station.

#### NO. 3823. BARONESS WAYNE DE KOL 2D 59548.

BARONESS WAYNE DE KOL 2d 3823 A. R. O. In 2 y. 10 m. 10 d., 9.286 lbs. fat.	{	Soldene Clothilde Artis 288 A. R.	{	Soldene 2d's Netherland 8519.
			{	Dirkje Von Holingen 3d 1264 A. R. O. In 6 y. 5 m. 28 d., 17.454 lbs. fat.
	{	Baroness Wayne De Kol 1720 A. R. O. In 4 y. 11 m. 12 d., 13.783 lbs. fat.	{	America 2d's Wayne Paul De Kol 149 A. R.
			{	Black Maid Inka 1262 A. R. O. In 2 y. 11 m. 16 d., 8.813 lbs. fat.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by A. A. Cortelyou, Neshanic, N. J. Calved December 15, 1901.

Official Butter Record: Dropped calf October 25, 1904, at 2 y. 10 m. 10 d. of age; commenced record November 15, 1904; closed record November 22; 7 days' production 9.286 lbs. butter fat; milk 261.1 lbs.

Attested by George E. Peoples, California Agricultural Experiment Station.

#### NO. 3824. NEAH PAULINE DE KOL 52941.

NEAH PAULINE DE KOL 3824 A. R. O. In 5 y. 2 m. 23 d., 13.673 lbs. fat.	{	Aaggie Cornucopia's Paul De Kol 332 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
			{	Aaggie Cornucopia 1179 A. R. P. In 6 y., 21 lbs. 7.4 oz. butter by churn.
	{	Neah's Mercedes 3d 1803 A. R. O. In 8 y. 8 m. 28 d., 25.852 lbs. fat 14 d.	{	Prince Veeman Genesta 20120.
			{	Neah's Mercedes 28353.

Owned and bred by Gardner & Misner, Centerville Station, N. Y. Calved August 16, 1899.

Official Butter Record: Dropped calf November 9, 1904, at 5 y. 2 m. 23 d. of age; commenced record November 15, 1904; closed record November 22; 7 days' production 13.673 lbs. butter fat; milk 495.8 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 3825. NEAH'S MERCEDES 5TH 47390.**

NEAH'S MERCEDES 5th 3825 A. R. O. In 6 y. 2 m. 15 d., 12.036 lbs. fat.	{	Vander Mei Ulster Prince 23193.	{	Starucca 3d's Negro 21541.
		Neah's Mercedes 28353.		Vander Mei 2d 1479 D. F.
			{	Mercedes Prince 12 A. R.
			{	Neah 549 A. R. P. In 7 y. 1 m. 8 d., 955½ lbs. milk 10 d.

Owned and bred by Gardner & Misner, Centerville Station, N. Y. Calved July 31, 1898.

Official Butter Record: Dropped calf October 16, 1904, at 6 y. 2 m. 15 d. of age; commenced record November 11, 1904; closed record November 18; 7 days' production 12.036 lbs. butter fat; milk 402.6 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 3826. AAGGIE OF LYNFELD'S PAULINE 48221.**

AAGGIE OF LYNFELD'S PAULINE 3826 A. R. O. In 6 y. 5 m. 8 d., 14.406 lbs. fat.	{	Count Mechtchilde Parthenea 22768.	{	Sir Parthenea Mechthilde No. 2 19668.
		Aaggie of Lynfeld 26387.		Pauline Paul 3d 31523.
			{	Royal Wamego 8157.
			{	Aaggie Bertha 3d 11029.

Owned by Gardner & Misner, Centerville Station, N. Y. Bred by J. M. Ham, Washington Hollow, N. Y. Calved May 17, 1898.

Official Butter Record: Dropped calf October 25, 1904, at 6 y. 5 m. 8 d. of age; commenced record November 14, 1904; closed record November 21; 7 days' production 14.406 lbs. butter fat; milk 424.5 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 3827. PAULINE NEAH DE KOL 56705.**

PAULINE NEAH DE KOL 3827 A. R. O. In 4 y. 2 m. 14 d., 22.447 lbs. fat 14 d.	{ Aaggie Cornucopia's Paul De Kol 332 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
		{ Aaggie Cornucopia 1179 A. R. P. In 6 y., 21 lbs. 7.4 oz. butter by churn.
	{ Neah's Mercedes 28353.	{ Mercedes Prince 12 A. R.
		{ Neah 549 A. R. P. In 7 y. 1 m. 8 d., 955½ lbs. milk 10 d.

Owned and bred by Gardner & Misner, Centerville Station, N. Y. Calved August 8, 1900.

Official Butter Record: Dropped calf October 22, 1904, at 4 y. 2 m. 14 d. of age; commenced record November 18, 1904; closed record November 24; 7 days' production 12.099 lbs. butter fat; milk 359.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October 22, 1904, at 4 y. 2 m. 14 d. of age; commenced record November 11, 1904; closed record November 25; 14 days' production 22.447 lbs. butter fat; milk 693 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 3828. LIEUWKJE OF LYNFELD 2D 42407.**

LIEUWKJE OF LYNFELD 2d 3828 A. R. O. In 7 y. 6 m. 23 d., 25.396 lbs. fat 14 d.	{ Lord Pietertje Twisk 23051.	{ Lord Pietertje Koningin Keyes 17709.
		{ Geuker Vena 7731.
	{ Lieuwkje of Lynfeld 42405.	{ Calphurnia's Mercedes Prince 16526.
		{ Lieuwkje Pearl 11903.

Owned by Gardner & Misner, Centerville Station, N. Y. Bred by J. M. Ham, Washington Hollow, N. Y. Calved April 3, 1897.

Official Butter Record: Dropped calf October 26, 1904, at 7 y. 6 m. 23 d. of age; commenced record November 18, 1904; closed record November 24; 7 days' production 13.444 lbs. butter fat; milk 430.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October 26, 1904, at 7 y. 6 m. 23 d. of age; commenced record November 11, 1904; closed record November 25; 14 days' production 25.396 lbs. butter fat; milk 815.2 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.



**NO. 3829. BLANCHE LYONS HENGERVELD 65285.**

<b>BLANCHE LYONS HENGERVELD</b> 3829 A. R. O. In 1 y. 11 m. 25 d., 11.845 lbs. fat.	{	Pietertje Hengerveld's Count De Kol 135 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
				Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
		Blanche Lyons 39974.	{	Lady of Lyons' Prince 18025. Countess Blanche Nudine 34961.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Esther A. Horr, Wellington, O. Calved November 1, 1902.

Official Butter Record: Dropped calf October 26, 1904, at 1 y. 11 m. 25 d. of age; commenced record November 9, 1904; closed record November 16; 7 days' production 11.845 lbs. butter fat; milk 409.7 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 3830. JOSEPHINE EMPRESS 63557.**

<b>JOSEPHINE EMPRESS</b> 3830 A. R. O. In 2 y., 9.254 lbs. fat.	{	Chief Piebe Oak Duchess 318 A. R.	{	Piebe De Kol Burke 165 A. R.
				Lady Oak 2d 1684 A. R. O. In 7 y. 2 m. 11 d., 17.189 lbs. fat.
		Belle Empress 4th 4080 A. R. O. In 4 y. 8 m. 12 d., 19.439 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R. Belle Empress 44429.

Owned and bred by E. E. Randall, Watertown, Wis. Calved October 15, 1902.

Description: Age, 2 y. 27 d.; milk and beef form; head, proportionate, symmetrical; neck, long, fine; chine, slightly swayed, broad, fairly open vertebræ; loin and hips, level, strong; rump, high, straight; escutcheon, large, fine; mammary veins, good size, medium length; udder, moderately capacious, flexible, quarters very uneven; teats, small, unevenly placed; handling, very good; secretions of skin, fairly abundant; general appearance, vigorous, fine, good style; height, shoulders 52.5 inches, hips 52.5; length, body 61, rump 19; width, hips 20.5, thurl 20; girth 71; weight 850 lbs. Est.; examiner, R. Elliot; examined November 12, 1904.

Official Butter Record: Dropped calf October 15, 1904, at 2 y. of age; commenced record November 6, 1904; closed record November 13; 7 days' production 9.254 lbs. butter fat; milk 231.1 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

**NO. 3831. GEWINA LILLY PRINCESS 63555.**

GEWINA LILLY PRIN-  
CESS 3831 A. R. O. In  
2 y. 4 m. 25 d., 10.783 lbs.  
fat.

{ Pearl of the Dairy's Joe De  
Kol 164 A. R. { Paul Johanna De Kol 184  
A. R.  
{ Pearl of the Dairy 13271.  
  
{ Aaltje Salo 3d's Tritomia  
Netherland 121 A. R.  
{ Gewina 2d 32217.  
Gewina 2d's Lilly 40124.

Owned and bred by E. E. Randall, Watertown, Wis. Calved June 4, 1902.

Description: Age, 2 y. 5 m. 8 d.; milk and beef form; head, proportionate, symmetrical; neck, moderately long, fine, slightly drooping; whine, straight, fairly open vertebrae; loin and hips, strong, level; rump, slightly sloping; escutcheon, large, fine; mammary veins, large, good length; udder, capacious, flexible, quarters even; teats, fairly good; handling, good; secretions of skin, moderately abundant; general appearance, fairly vigorous, fine, good style; height, shoulders 54 inches, hips 54.5; length, body 59, rump 19; width, hips 19.25, thurl 19; girth 71.5; weight, 850 lbs. Est.; examiner, R. Elliot; examined November 12, 1904.

Official Butter Record: Dropped calf October 29, 1904, at 2 y. 4 m. 25 d. of age; commenced record November 6, 1904; closed record November 12; 7 days' production 10.783 lbs. butter fat; milk 303.7 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

**NO. 3832. JOHANNA COLANTHA 2D 60991.**

JOHANNA COLANTHA 2d  
3832 A. R. O. In 2 y. 7  
m. 19 d., 11.374 lbs. fat.

{ Paul Clyde 219 A. R. { Paul De Kol 97 A. R.  
  
{ Kittie Clyde 2d's Coral 1440  
A. R. O. In 6 y. 4 m. 19  
d., 19.504 lbs. fat.  
  
{ Johanna Colantha 1848 A. R.  
O. In 6 y. 1 m. 2 d.,  
18.423 lbs. fat. { Paul Colantha 225 A. R.  
  
{ Johanna 5th's Clothilde 1107  
A. R. O. In 5 y. 11 m.  
1 d., 16.006 lbs. fat.

Owned and bred by Gillett & Son, Rosendale, Wis. Calved March 28, 1902.

Official Butter Record: Dropped calf November 17, 1904, at 2 y. 7 m. 19 d. of age; commenced record November 26, 1904; closed record December 3; 7 days' production 11.374 lbs. butter fat; milk 328.6 lbs.

Attested by Roy T. Harris, Wisconsin Agricultural Experiment Station.

**NO. 3833. HEILO AAGGIE JOHANNA 5TH 63554.**

HEILO AAGGIE JOHAN-  
NA 5th 3833 A. R. O. In  
2 y. 4 m. 13 d., 8.167 lbs.  
fat.

{ Pearl of the Dairy's Joe De  
Kol 164 A. R. { Paul Johanna De Kol 184  
A. R.  
{ Pearl of the Dairy 13271.  
  
{ Heilo Aaggie Johanna 1542  
A. R. O. In 1 y. 11 m. 28  
d., 7.589 lbs. fat. { Paul Johanna De Kol 184  
A. R.  
{ Heilo 4th's Aaggie 1069 W.

Owned and bred by E. E. Randall, Watertown, Wis. Calved July 12, 1902.

Description: Age, 2 y. 4 m. 25 d.; milk and beef form; head, proportionate, symmetrical; neck, medium length, level, very fine; chine, straight, broad, very open vertebrae; loin and hips, strong, level; rump, high, level; escutcheon, large, fine; mammary veins, good size, fairly crooked; udder, moderately capacious, flexible, quarters slightly uneven; teats, good size, fairly well placed; handling, good; secretions of skin, moderately abundant; general appearance, vigorous, very fine, stylish; height, shoulders 50.25 inches, hips 50; length, body 60, rump 20; width, hips 20, thurl 17.5; girth 71; weight 900 lbs. Est.; examiner, R. Elliot; examined December 7, 1904.

Official Butter Record: Dropped calf November 25, 1904, at 2 y. 4 m. 13 d. of age; commenced record December 3, 1904; closed record December 9; 7 days' production 8.167 lbs. butter fat; milk 244.5 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

#### NO. 3834. MISS POLLY CARP 63558.

MISS POLLY CARP 3834  
A. R. O. In 2 y. 1 m. 29  
d., 11.107 lbs. fat.

Chief Piebe Oak Duchess  
318 A. R.

Piebe De Kol Burke 165  
A. R.

Lady Oak 2d 1684 A. R. O.  
In 7 y. 2 m. 11 d., 17.189  
lbs. fat.

Gewina 2d's Lilly 2d 2056  
A. R. O. In 4 y. 4 m. 4  
d., 13.168 lbs. fat.

Pearl of the Dairy's Joe De  
Kol 164 A. R.

Gewina 2d's Lilly 40124.

Owned and bred by E. E. Randall, Watertown, Wis. Calved September 1, 1902.

Description: Age, 2 y. 2 m. 11 d.; milk and beef form; head, proportionate, symmetrical; neck, medium length, fine; chine, straight, broad, open vertebrae; loin and hips, level, fairly strong; rump, slightly sloping; escutcheon, large, fine; mammary veins, large, moderately long; udder, very capacious, flexible, quarters even; teats, good, well placed; handling, fairly good; secretions of skin, fairly abundant, yellow; general appearance, vigorous, fine, stylish; height, shoulders 50 inches, hips 51.75; length, body 57.5, rump 19.5; width, hips 19.5, thurl 18.5; girth 70.5; weight 850 lbs. Est.; examiner, R. Elliot; examined November 12, 1904.

Official Butter Record: Dropped calf October 30, 1904, at 2 y. 1 m. 29 d. of age; commenced record November 6, 1904; closed record November 12; 7 days' production 11.107 lbs. butter fat; milk 297.7 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

#### NO. 3835. IDOL WILD ROSE 62998.

IDOL WILD ROSE 3835 A.  
R. O. In 2 y. 8 m. 15 d.,  
9.849 lbs. fat.

Pearl of the Dairy's Joe De  
Kol 164 A. R.

Paul Johanna De Kol 184  
A. R.

Pearl of the Dairy 13271.

Maggie of Wild Rose 2d 1846  
A. R. O. In 6 y. 11 m. 29  
d., 14.912 lbs. fat.

Wartena Netherland Prince  
128 A. R.

Maggie of Wild Rose 37831.

Owned and bred by E. E. Randall, Watertown, Wis. Calved February 10, 1902.

Description: Age, 2 y. 9 m. 2 d.; milk and beef form; head, proportionate, symmetrical; neck, medium length, fine; chine, straight, fairly broad, open vertebræ; loin and hips, strong, level; rump, high, straight; escutcheon, large, fine; mammary veins, medium size, medium length; udder, capacious, flexible, quarters slightly uneven; teats, good, fairly well placed; handling, good; secretions of skin, fairly abundant; general appearance, vigorous, fine, stylish; height, shoulders 52 inches, hips 52; length, body 61.5, rump 20; width, hips 21.25, thurl 19.5; weight, 950 lbs. Est.; examiner, R. Elliot; examined November 12, 1904.

Official Butter Record: Dropped calf October 25, 1904, at 2 y. 8 m. 15 d. of age; commenced record November 7, 1904; closed record November 14; 7 days' production 9.849 lbs. butter fat; milk 254.7 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

#### NO. 3836. PRINCESS ROSE AAGGIE 63560.

PRINCESS ROSE AAGGIE 3836 A. R. O. In 2 y. 1 m. 14 d., 10.800 lbs. fat.	{	Chief Piebe Oak Duchess 318 A. R.	{	Piebe De Kol Burke 165 A. R.
				Lady Oak 2d 1684 A. R. O. In 7 y. 2 m. 11 d., 17.189 lbs. fat.
	{	Heilo Aaggie Johanna 2d 3044 A. R. O. In 4 y. 3 m. 25 d., 14.774 lbs. fat.	{	Sir Aaggie Abbekerk De Kol 145 A. R.
				Heilo Aaggie Johanna 1542 A. R. O. In 1 y. 11 m. 28 d., 7.589 lbs. fat.

Owned and bred by E. E. Randall, Watertown, Wis. Calved September 10, 1902.

Description: Age, 2 y. 2 m. 2 d.; milk and beef form; head, proportionate, symmetrical; neck, medium length, fine, level; chine, straight, fairly open vertebræ; loin and hips, strong, level; rump, slightly sloping; escutcheon, good; mammary veins, very large, long; udder, capacious, flexible, quarters even; teats, good, well placed; handling, fair; secretions of skin, moderately abundant; general appearance, vigorous, fine, stylish; height, shoulders 51 inches, hips 51.75; length, body 56, rump 19; width, hips 18.25, thurl 16.75; girth 68; weight, 800 lbs. Est.; examiner, R. Elliot; examined November 12, 1904.

Official Butter Record: Dropped calf October 24, 1904, at 2 y. 1 m. 14 d. of age; commenced record November 7, 1904; closed record November 14; 7 days' production 10.800 lbs. butter fat; milk 267.2 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

#### DE KOL DOUGLAS 2055 A. R. O. 50667.

DE KOL DOUGLAS 2055 A. R. O. In 3 y. 11 m. 28 d., 74.003 lbs. fat 30 d.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
				Pearl of the Dairy 13271.
	{	Fannie Douglas 5th 1492 A. R. O. In 1 y. 11 m. 21 d., 9.056 lbs. fat.	{	Netherland Marshall 142 A. R.
				Fannie Douglas 1554.

Owned by E. E. Randall, Watertown, Wis.

[Entry of additional records. For previous records see Vol. XIII, page 65, Vol. XIV, pages 21 and 224, Vol. XV, page 35.]

Fifth Official Butter Record: Dropped calf November 22, 1904, at 5 y. 8 m. 2 d. of age; commenced record November 30, 1904; closed record December 6; 7 days' production 16.560 lbs. butter fat; milk 380.9 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

### GEWINA BEAUTY BELL 1711 A. R. O. 48167.

GEWINA BEAUTY BELL 1711 A. R. O. In 6 y. 7 m. 11 d., 64.994 lbs. fat 30 d.	{	Lottie Lass' Butter King 167 A. R.	{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
		Gewina 2d's Beauty 37812.		Lottie Lass 1339 A. R. O. In 9 y. 2 m. 3 d., 15.664 lbs. fat.
			{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
				Gewina 2d 32217.

Owned by E. E. Randall, Watertown, Wis.

[Entry of additional records. For previous records see Vol. XI, page 95, Vol. XII, page 139, Vol. XIII, page 176.]

Sixth Official Butter Record: Dropped calf October 29, 1904, at 6 y. 7 m. 11 d. of age; commenced record November 22, 1904; closed record November 29; 7 days' production 16.451 lbs. butter fat; milk 435.1 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf October 29, 1904, at 6 y. 7 m. 11 d. of age; commenced record November 9, 1904; closed record December 8; 30 days' production 64.994 lbs. butter fat; milk 1,808.1 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

### ROSE AAGGIE LIDDISDALE 1655 A. R. O. 1413 W.

ROSE AAGGIE LIDDIS- DALE 1655 A. R. O. In 10 y. 6 m. 14 d., 14.787 lbs. fat.	{	Sir Aaggie Pietertje 208 A. R.	{	Sievia Keyes' Pietertje 13984.
		Liddisdale Rose 27738.		Lady Anna's Aaggie 1115.
			{	Nierop's Netherland 8th 158 A. R.
				Liddisdale 1922.

Owned by E. E. Randall, Watertown, Wis.

[Entry of additional records. For previous records see Vol. XI, page 67, Vol. XIV, page 158.]

Fourth Official Butter Record: Dropped calf November 26, 1904, at 10 y. 6 m. 14 d. of age; commenced record December 3, 1904; closed record December 9; 7 days' production 14.787 lbs. butter fat; milk 426.6 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.



**OLIVE DE COLA 4TH 3184 A. R. O. 63563.**

OLIVE DE COLA 4th 3184  
A. R. O. In 2 y. 1 m. 24  
d., 9.945 lbs. fat.

{ Pearl of the Dairy's Joe De  
Kol 164 A. R.

{ Paul Johanna De Kol 184  
A. R.  
Pearl of the Dairy 13271.

{ Olive De Cola 38447.

{ Nierop's Netherland 8th 158  
A. R.  
Lady of Marshall 8073 H.

Owned by E. E. Randall, Watertown, Wis.

[Entry of additional records. For previous records see Vol. XV, page 215.]

Second Official Butter Record: Dropped calf November 23, 1904, at 2 y. 1 m. 24 d. of age; commenced record November 29, 1904; closed record December 5; 7 days' production 9.945 lbs. butter fat; milk 274.7 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

**HEILO AAGGIE JOHANNA 3D 3002 A. R. O. 55020.**

HEILO AAGGIE JOHAN-  
NA 3d 3002 A. R. O. In  
4 y. 3 m., 23 d., 12.272 lbs.  
fat.

{ Pearl of the Dairy's Joe De  
Kol 164 A. R.

{ Paul Johanna De Kol 184  
A. R.  
Pearl of the Dairy 13271.

{ Heilo Aaggie Johanna 1542  
A. R. O. In 1 y. 11 m.  
23 d., 7.589 lbs. fat.

{ Paul Johanna De Kol 184  
A. R.  
Heilo 4th's Aaggie 1069 W.

Owned by E. E. Randall, Watertown, Wis.

[Entry of additional records. For previous records see Vol. XV, page 103.]

Second Official Butter Record: Dropped calf November 20, 1904, at 4 y. 3 m. 23 d. of age; commenced record November 26, 1904; closed record December 2; 7 days' production 12.272 lbs. butter fat; milk 333.3 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

**NO. 3837. ROXY ANNA 63562.**

ROXY ANNA 3837 A. R.  
O. In 2 y. 5 m. 23 d.,  
10.881 lbs. fat.

{ Chief Piebe Oak Duchess  
318 A. R.

{ Piebe De Kol Burke 165  
A. R.

{ Lady Oak 2d 1684 A. R. O.  
In 7 y. 2 m. 11 d., 17.189  
lbs. fat.

{ Jessie Griepe 3d 2417 A. R.  
O. In 2 y. 10 m. 26 d.,  
10.370 lbs. fat.

{ Pearl of the Dairy's Joe De  
Kol 164 A. R.

{ Jessie Griepe 1707 A. R. O.  
In 4 y. 10 m. 26 d., 12.972  
lbs. fat.

Owned and bred by E. E. Randall, Watertown, Wis. Calved April 16, 1902.

Description: Age, 2 y. 7 m. 7 d.; milk and beef form; head proportionate, symmetrical; neck, fine, level, medium length; chine, very broad, level, fairly open vertebrae; loin and hips, very strong, level; rump, high, level; escutcheon, largest, finest; mammary veins, fair size, medium length; udder, very capacious, flexible, quarters even; teats, perfect, well placed; handling, very good; secretions of skin, fairly abundant; general appearance, fine, very stylish, very vigorous; height, shoulders 51.75 inches, hips 53.25; length, body 61, rump 20; width, hips 19.75, thurl 19.25; girth 72; weight, 1,000 lbs. Est.; examiner, R. Elliot; examined November 23, 1904.

Official Butter Record: Dropped calf November 9, 1904, at 2 y. 5 m. 23 d. of age; commenced record November 20, 1904; closed record November 27; 7 days' production 10.881 lbs. butter fat; milk 289.8 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

#### INKA PIETERTJE BEETS 2449 A. R. O. 42024.

INKA PIETERTJE BEETS 2449 A. R. O. In 7 y. 1 m. 23 d., 15.452 lbs. fat.	{	Inka's Pietertje Duke 141 A. R.	{	Milla's. Pietertje Netherland 83 A. R.
		Netherland Van Friesland Keyes 35351.		Inka 514 A. R. P. In 12 y., 20 lbs. 2 oz. butter by churn.
			{	Netherland Van Friesland 205 A. R.
			{	Netherland Van Friesland's Beets 1229 A. R. O. In 5 y. 6 m., 13.880 lbs. fat.

Owned by W. H. Jones, Watertown, Wis.

[Entry of additional records. For previous records see Vol. XIV, page 38, Vol. XV, page 44.]

Third Official Butter Record: Dropped calf November 10, 1904, at 8 y. 7 m. 16 d. of age; commenced record December 3, 1904; closed record December 10; 7 days' production 12.862 lbs. butter fat; milk 314.9 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

#### NO. 3838. JOHANNA AAGGIE 4TH 61319.

JOHANNA AAGGIE 4th 3838 A. R. O. In 2 y. 9 m. 26 d., 11.523 lbs. fat.	{	Sarcastic Lad 194 A. R.	{	Maurice Bonheur 22394.
		Johanna Aaggie 1255 A. R. O. In 4 y. 5 m. 9 d., 18.288 lbs. fat.		Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
			{	Aaggie Cornelia 5th's Clo- thilde Imperial 103 A. R.
			{	Johanna 4th 1148 A. R. O. In 9 y. 8 m. 27 d., 13.815 lbs. fat.

Owned and bred by Gillett & Son, Rosendale, Wis. Calved January 23, 1902.

Official Butter Record: Dropped calf November 19, 1904, at 2 y. 9 m. 26 d. of age; commenced record December 5, 1904; closed record December 12; 7 days' production 11.523 lbs. butter fat; milk 290.8 lbs.

Attested by Roy T. Harris, Wisconsin Agricultural Experiment Station.

**JOHANNA DE PAULINE 4TH 3135 A. R. O. 60992.**

JOHANNA DE PAULINE 4th 3135 A. R. O. In 2 y. 10 m. 19 d., 13.314 lbs. fat.	{	Sarcastic Lad 194 A. R.	{	Maurice Bonheur 22394.
		Johanna De Pauline 1446 A. R. O. In 5 y. 3 m. 25 d., 16.758 lbs. fat.		Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
			{	Paul Mutual De Kol 18726.
				Johanna 5th's Clothilde 1107 A. R. O. In 5 y. 11 m. 1 d., 16.006 lbs. fat.

Owned by Gillett & Son, Rosendale, Wis.

[Entry of additional records. For previous records see Vol. XV, page 184.]

Second Official Butter Record: Dropped calf November 26, 1904, at 2 y. 10 m. 19 d. of age; commenced record December 2, 1904; closed record December 9; 7 days' production 13.314 lbs. butter fat; milk 359.3 lbs.

Attested by Roy T. Harris, Wisconsin Agricultural Experiment Station.

**JOHANNA BONHEUR 3136 A. R. O. 60987.**

JOHANNA BONHEUR 3136 A. R. O. In 3 y. 1 m. 3 d., 13.053 lbs. fat.	{	Sarcastic Lad 194 A. R.	{	Maurice Bonheur 22394.
		Johanna De Kol 2d 1447 A. R. O. In 4 y. 10 m. 11 d., 19.229 lbs. fat.		Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
			{	Sir De Kol Mechthilde 21506.
				Johanna De Kol 1331 A. R. O. In 4 y. 8 m. 16 d., 16.221 lbs. fat.

Owned by Gillett & Son, Rosendale, Wis.

[Entry of additional records. For previous records see Vol. XV, page 184.]

Second Official Butter Record: Dropped calf November 16, 1904, at 3 y. 1 m. 3 d. of age; commenced record November 25, 1904; closed record December 1; 7 days' production 13.053 lbs. butter fat; milk 363.8 lbs.

Attested by Roy T. Harris, Wisconsin Agricultural Experiment Station.

**JOHANNA COLANTHA 1848 A. R. O. 48578.**

JOHANNA COLANTHA 1848 A. R. O. In 6 y. 1 m. 2 d., 18.423 lbs. fat.	{	Paul Colantha 225 A. R.	{	Paul Mutual De Kol 18726.
		Johanna 5th's Clothilde 1107 A. R. O. In 5 y. 11 m. 1 d., 16.006 lbs. fat.		Colantha 4th 1206 A. R. O. In 6 y. 8 m. 5 d., 19.592 lbs. fat.
			{	Aaggie Cornelia 5th's Clo- thilde Imperial 103 A. R.
				Johanna 5th 1104 A. R. O. In 7 y. 4 m. 10 d., 17.640 lbs. fat.

Owned by Gillett & Son, Rosendale, Wis.

[Entry of additional records. For previous records see Vol. XII, page 85, Vol. XV, page 72.]

Third Official Butter Record: Dropped calf November 18, 1904, at 6 y. 1 m. 2 d. of age; commenced record December 2, 1904; closed record December 8; 7 days' production 18.423 lbs. butter fat; milk 437.1 lbs.

Attested by Roy T. Harris, Wisconsin Agricultural Experiment Station.

### JOHANNA ROSA 3137 A. R. O. 60993.

JOHANNA ROSA 3137 A. R. O. In 3 y. 1 m. 8 d., 14.040 lbs. fat.	{	Sarcastic Lad 194 A. R.	{	Maurice Bonheur 22394.
		Johanna Rue 4th 1594 A. R. O. In 6 y. 1 m. 29 d., 15.335 lbs. fat.		Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
			{	Aaggie Cornelia 5th's Clo- thilde Imperial 103 A. R.
				Johanna Rue 1205 A. R. O. In 6 y. 6 m. 17 d., 16.967 lbs. fat.

Owned by Gillett & Son, Rosendale, Wis.

[Entry of additional records. For previous records see Vol. XV, page 185.]

Second Official Butter Record: Dropped calf November 27, 1904, at 3 y. 1 m. 8 d. of age; commenced record December 5, 1904; closed record December 12; 7 days' production 14.040 lbs. butter fat; milk 347.8 lbs.

Attested by Roy T. Harris, Wisconsin Agricultural Experiment Station.

### NO. 3839. JOHANNA RUE 5TH 60988.

JOHANNA RUE 5th 3839 A. R. O. In 2 y. 5 m. 27 d., 8.811 lbs. fat.	{	Sarcastic Lad 194 A. R.	{	Maurice Bonheur 22394.
		Johanna Rue 1205 A. R. O. In 6 y. 6 m. 17 d., 16.967 lbs. fat.		Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
			{	Ben Nicolaas 13821.
				Johanna 5th 1104 A. R. O. In 7 y. 4 m. 10 d., 17.640 lbs. fat.

Owned and bred by Gillett & Son, Rosendale, Wis. Calved April 6, 1902.

Official Butter Record: Dropped calf October 3, 1904, at 2 y. 5 m. 27 d. of age; commenced record December 1, 1904; closed record December 7; 7 days' production 8.811 lbs. butter fat; milk 310.8 lbs.

Attested by Roy T. Harris, Wisconsin Agricultural Experiment Station.

**NO. 3840. WISCONSIN BRIDE 4TH 59172.**

WISCONSIN BRIDE 4th 3840 A. R. O. In 3 y. 2 m. 7 d., 9.883 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
				Pearl of the Dairy 13271.
	{	Wisconsin Bride 1593 A. R. O. In 5 y. 3 m. 12 d., 12.011 lbs. fat.	{	Van Beers Aaggie Netherland 24032.
				Wisconsin Belle 12016.

Owned and bred by E. E. Randall, Watertown, Wis. Calved August 29, 1901.

Official Butter Record: Dropped calf November 6, 1904, at 3 y. 2 m. 7 d. of age; commenced record November 16, 1904; closed record November 23; 7 days' production 9.883 lbs. butter fat; milk 254.9 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

**NO. 3841. AALTJE SALO ERNA 2D 65800.**

AALTJE SALO ERNA 2d 3841 A. R. O. In 2 y. 1 m. 27 d., 9.126 lbs. fat.	{	Duke of Camp Harvey 333 A. R.	{	Prince Salo Inka Pietertje De Kol 22751.
				Schoone 1125 A. R. O. In 11 y. 5 m. 26 d., 15.120 lbs. fat.
	{	Aaltje Salo Erna 3016 A. R. O. In 4 y. 9 m. 26 d., 77.849 lbs. fat 30 d.	{	Prince Inka Pietertje De Kol 2d 144 A. R.
				Aaltje Salo Princess 2d 36464.

Owned by T. S. Tompkins, White Bear Lake, Minn. Bred by J. Rust, West Allis, Wis. Calved September 9, 1902.

Official Butter Record: Dropped calf November 1, 1904, at 2 y. 1 m. 27 d. of age; commenced record December 9, 1904; closed record December 15; 7 days' production 9.126 lbs. butter fat; milk 274.9 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

**NO. 3842. HOLINGEN PRIDE 60749.**

HOLINGEN PRIDE 3842 A. R. O. In 2 y. 8 m. 23 d., 10.281 lbs. fat.	{	Holingen Count 25888.	{	Count Aaggie Clothilde 110 A. R.
				Alma Marie 39628.
	{	College Clothilde's Pride 49879.	{	College Clothilde 17951.
				Grinnell's Pride 22740.

Owned by T. S. Tompkins, White Bear Lake, Minn. Bred by Iowa Agricultural College, Ames, Ia. Calved February 26, 1902.



Official Butter Record: Dropped calf November 19, 1904, at 2 y. 8 m. 23 d. of age; commenced record December 8, 1904; closed record December 14; 7 days' production 10.281 lbs. butter fat; milk 309.1 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

### AALTJE SALO FRED A 3019 A. R. O. 61564.

AALTJE SALO FRED A 3019 A. R. O. In 3 y. 11 d., 11.155 lbs. fat.	{	Aaltje Soldene Netherland Clothilde 25714.	{ Sir Netherland Soldene Clothilde 18390. Aaltje Salo 5th's Carlotta 36463.
		Aaltje Nettie 2d 3214 A. R. O. In 4 y. 3 m. 20 d., 11.449 lbs. fat.	{ Duke of Camp Harvey 333 A. R. Aaltje Nettie 2132 A. R. O. In 4 y. 17 d., 10.880 lbs. fat.

Owned by T. S. Tompkins, White Bear Lake, Minn.

[Entry of additional records. For previous records see Vol. XV, page 114.]

Second Official Butter Record: Dropped calf October 20, 1904, at 3 y. 11 d. of age; commenced record November 18, 1904; closed record November 25; 7 days' production 11.155 lbs. butter fat; milk 314.3 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

### MERCEDES ATHENIA JEWEL 2581 A. R. O. 43465.

MERCEDES ATHENIA JEWEL 2581 A. R. O. In 7 y. 11 m. 26 d., 16.905 lbs. fat.	{	Sir Abbekerk Mechthilde 246 A. R.	{ Jewel Echo's Sir Henry Colanthus 16446. Parana Abbekerk 2d's Jewel Mechthilde 26722.
		Athenia Mercedes 25939.	{ Owanda's Mercedes Prince 3348. Athenia 158.

Owned by T. S. Tompkins, White Bear Lake, Minn.

[Entry of additional records. For previous records see Vol. XIV, page 106, Vol. XV, page 138.]

Third Official Butter Record: Dropped calf November 19, 1904, at 7 y. 11 m. 26 d. of age; commenced record December 12, 1904; closed record December 19; 7 days' production 16.905 lbs. butter fat; milk 530 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

**JEWEL COLANTHA MERCEDES 2566 A. R. O. 56650.**

JEWEL COLANTHA MERCEDES 2566 A. R. O. In 4 y. 2 m. 24 d., 14,780 lbs. fat.	{	Sir Abbekerk Mechthilde 246 A. R.	{	Jewel Echo's Sir Henry Colanthus 16446.
			{	Parana Abbekerk 2d's Jewel Mechthilde 26722.
		Meave Mercedes 16098.	{	Owanda's Mercedes Prince 3348.
			{	Athenia 158.

Owned by T. S. Tompkins, White Bear Lake, Minn.

[Entry of additional records. For previous records see Vol. XIV, page 100, Vol. XV, page 114.]

Third Official Butter Record: Dropped calf November 9, 1904, at 4 y. 2 m. 24 d. of age; commenced record December 8, 1904; closed record December 15; 7 days' production 14,780 lbs. butter fat; milk 441.2 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

**NO. 3843. LADY BETTINA BRYONIA 66751.**

LADY BETTINA BRYONIA 3843 A. R. O. In 2 y. 21 d., 10,007 lbs. fat.	{	Prince Bryonia Madrigal 235 A. R.	{	Hugh Rhoda Madrigal 22075.
			{	Bryonia Albia 1215 A. R. O. In 8 y. 3 m. 20 d., 18,685 lbs. fat.
		Lady Bettina Herbert 2568 A. R. O. In 4 y. 8 m. 29 d., 15,719 lbs. fat.	{	Alfride's Bettina Herbert 295 A. R.
			{	Lady Clifden 1442 W.

Owned by T. S. Tompkins, White Bear Lake, Minn. Bred by Nick Grimm, Clemansville, Wis. Calved October 8, 1902.

Official Butter Record: Dropped calf October 29, 1904, at 2 y. 21 d. of age; commenced record November 18, 1904; closed record November 24; 7 days' production 8,570 lbs. butter fat; milk 246.9 lbs.

Second Official Butter Record: Dropped calf October 29, 1904, at 2 y. 21 d. of age; commenced record December 8, 1904; closed record December 14; 7 days' production 10,007 lbs. butter fat; milk 286.5 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

**NO. 3844. SEGIS PIETERTJE DE KOL 3D 61834.**

✓ SEGIS PIETERTJE DE KOL 3d 3844 A. R. O. In 2 y. 7 m. 1 d., 11,753 lbs. fat.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{	Manor De Kol 130 A. R.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21,261 lbs. fat.
		Segis Pietertje De Kol 1783 A. R. O. In 2 y. 15 d., 10,580 lbs. fat.	{	Paul Beets De Kol 113 A. R.
			{	Segis Aaggie 2d's Pietertje 1223 A. R. O. In 4 y. 2 m. 3 d., 12,713 lbs. fat.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved March 15, 1904.

Second Official Butter Record: Dropped calf October 16, 1904, at 2 y. 7 m. 1 d. of age; commenced record October 30, 1904; closed record November 6; 7 days' production 11.753 lbs. butter fat; milk 322.4 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

# **NO. 3845. HEERINGA DE PAULINE 65735.**

HEERINGA DE PAULINE 3845 A. R. O. In 3 y. 6 m. 8 d., 23.234 lbs. fat 14 d.	{	King De Kol Mechthilde 24000.	{	Manor De Kol 130 A. R.
				Queen De Kol Mechthilde 34692.
		Heeringa Pauline 2d 1935 A. R. O. In 7 y. 25 d., 20.422 lbs. fat.		Pauline Paul 3d's Sir Mechthilde 319 A. R.
				Heeringa Pauline 37616.

Owned and bred by O. U. Kellogg, Cortland, N. Y. Calved April 16, 1901.

Official Butter Record: Dropped calf October 24, 1904, at 3 y. 6 m. 8 d. of age; commenced record November 11, 1904; closed record November 17; 7 days' production 11.789 lbs. butter fat; milk 421.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October 24, 1904, at 3 y. 6 m. 8 d. of age; commenced record November 11, 1904; closed record November 24; 14 days' production 23.234 lbs. fat; milk 849.8 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

# **NO. 3846. BEAUTY OF PLUM 6TH'S DE KOL 58851.**

BEAUTY OF PLUM 6th's DE KOL 3846 A. R. O. In 3 y. 8 m. 4 d., 30.243 lbs. fat 14 d.	{	Netherland Lord De Kol 23999.	{	Manor De Kol 130 A. R.
				Netherland De Kol's Lady De Kol 3240 A. R. O. In 7 y. 9 m. 7 d., 13.539 lbs. fat.
		Beauty of Plum 6th 2376 A. R. O. In 4 y. 7 d., 33.546 lbs. fat 16 d.		Sir Joella Netherland 23256.
				Plum 6th 27074.

Owned and bred by O. U. Kellogg, Cortland, N. Y. Calved February 21, 1901.

Official Butter Record: Dropped calf October 25, 1904, at 3 y. 8 m. 4 d. of age; commenced record November 11, 1904; closed record November 17; 7 days' production 15.496 lbs. butter fat; milk 549 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October 25, 1904, at 3 y. 8 m. 4 d. of age; commenced record November 11, 1904; closed record November 24; 14 days' production 30.243 lbs. butter fat; milk 940.2 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NO. 3847. NAZLI PAULINE 3D 54883.**

<b>NAZLI PAULINE 3d 3847</b> A. R. O. In 7 y. 9 m. 27 d., 12.476 lbs. fat.	{ Pauline Paul 3d's Sir Mechthilde 319 A. R.	{ Inka 4th's Sir Mechthilde 19429. Pauline Paul 3d 31523.
	{ Nazli Pauline 1936 A. R. O. In 8 y. 6 m. 9 d., 16.709 lbs. fat.	{ Zozo's Netherland Paul 15420. Belle Nazli 9177.

Owned and bred by O. U. Kellogg, Cortland, N. Y. Calved June 12, 1897.

Official Butter Record: Dropped calf November 9, 1904, at 7 y. 9 m. 27 d. of age; commenced record November 22, 1904; closed record November 28; 7 days' production 12.476 lbs. butter fat; milk 473.7 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**ELGIN BELLE 8TH 3241 A. R. O. 50160.**

<b>ELGIN BELLE 8th 3241 A.</b> R. O. In 5 y. 9 m. 9 d., 27.650 lbs. fat 14 d.	{ De Kol 2d's Alban 114 A. R.	{ Netherland Alban 34 A. R. De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{ Elgin Belle 840 A. R. P. In 7 y. 6 m. 21 d., 100 $\frac{3}{8}$ lbs. butter by churn 30 d.	

Owned by O. U. Kellogg, Cortland, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 250.]

Second Official Butter Record: Dropped calf November 7, 1904, at 5 y. 10 m. 9 d. of age; commenced record November 15, 1904; closed record November 21; 7 days' production 13.874 lbs. butter fat; milk 426.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf November 7, 1904, at 5 y. 10 m. 9 d. of age; commenced record November 15, 1904; closed record November 28; 14 days' production 27.650 lbs. butter fat; milk 867 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NAZLI PAULINE JOHANNA 3243 A. R. O. 65733.**

<b>NAZLI PAULINE JO-</b> <b>HANNA 3243 A. R. O.</b> In 3 y. 11 d., 22.642 lbs. fat 14 d.	{ Johanna De Kol 2d's Lad 26936.	{ Sarcastic Lad 194 A. R. Johanna De Kol 2d 1447 A. R. O. In 4 y. 10 m. 11 d., 19.229 lbs. fat.
	{ Nazli Pauline 4th 2135 A. R. O. In 1 y. 10 m., 7.616 lbs. fat.	{ Netherland Lord De Kol 23999. Nazli Pauline 1936 A. R. O. In 8 y. 6 m. 9 d., 16.709 lbs. fat.

Owned by O. U. Kellogg, Cortland, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 251.]

Second Official Butter Record: Dropped calf October 30, 1904, at 3 y. 11 d. of age; commenced record November 9, 1904; closed record November 15; 7 days' production 12.329 lbs. butter fat; milk 399.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October 30, 1904, at 3 y. 11 d. of age; commenced record November 9, 1904; closed record November 22; 14 days' production 22.642 lbs. butter fat; milk 785.2 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

#### NO. 3848. NIXOLA NANNETTE 65731.

NIXOLA NANNETTE 3848 A. R. O. In 3 y. 4 m. 12 d., 12.044 lbs. fat.	{	King De Kol Mechthilde 24000.	{	Manor De Kol 130 A. R.
				Queen De Kol Mechthilde 34692.
	{	Beauty of Nannette 2d 2011 A. R. O. In 4 y. 3 m. 22 d., 13.650 lbs. fat.	{	Kappijne 3d's Sir Netherland 19195.
				Beauty of Nannette 30792.

Owned and bred by O. U. Kellogg, Cortland, N. Y. Calved May 7, 1901.

Official Butter Record: Dropped calf September 19, 1904, at 3 y. 4 m. 12 d. of age; commenced record November 14, 1904; closed record November 21; 7 days' production 12.044 lbs. butter fat; milk 410.2 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

#### WALWORTH QUEEN 3066 A. R. O. 62436.

WALWORTH QUEEN 3066 A. R. O. In 2 y. 6 m. 5 d., 12.434 lbs. fat.	{	De Kol Acma 203 A. R.	{	De Kol Burke 162 A. R.
				Lady Longfield 3d 1383 A. R. O. In 3 y. 11 m. 20 d., 16.897 lbs. fat.
	{	Lady Aaggie Netherland 2427 A. R. O. In 4 y. 6 m. 14 d., 13.028 lbs. fat.	{	Prince Aaggie Echo 22611.
				Belle Netherland Aaggie 38246.

Owned by E. C. Petrie, Elkhorn, Wis.

[Entry of additional records. For previous records see Vol. XV, page 144.]

Second Official Butter Record: Dropped calf November 1, 1904, at 2 y. 6 m. 5 d. of age; commenced record December 13, 1904; closed record December 19; 7 days' production 12.434 lbs. butter fat; milk 383.7 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.



**NO. 3849. DE KOL MECHTHILDE LONGFIELD 53917.**

DE KOL MECHTHILDE LONGFIELD 3849 A. R. O. In 4 y. 7 m. 6 d., 20.154 lbs. fat.	{	De Kol Acma 203 A. R.	{	De Kol Burke 162 A. R.
		Shadeland Mechthilde 1742 A. R. O. In 7 y. 1 m. 24 d., 14.687 lbs. fat.		Lady Longfield 3d 1883 A. R. O. In 3 y. 11 m. 20 d., 16.897 lbs. fat.
				Mechthilde's Sir Henry of Maplewood 201 A. R.
				Wase Netherland Shadeland 35097.

Owned and bred by E. C. Petrie, Elkhorn, Wis. Calved April 13, 1900.

Description: Age, 4 y. 8 m.; dairy and beef form; head, proportionate, symmetrical; neck, moderately long, nearly level; chine, straight, prominent; loin and hips, wide, long, nearly level; rump, wide, long, low; escutcheon, good; mammary veins, large, long; udder, capacious, symmetrical, quarters nearly even; teats, good; handling, superior; secretions of skin, oily, abundant; general appearance, healthy, vigorous; height, shoulders 55 inches, hips 57.5; length, body 68, rump 20.5; width, hips 22.5, thurl 20.5; girth 79; weight, 1,350 lbs. Est.; examiner, Otto J. Hanzlik; examined December 13, 1904.

Official Butter Record: Dropped calf November 19, 1904, at 4 y. 7 m. 6 d. of age; commenced record December 13, 1904; closed record December 19; 7 days' production 20.154 lbs. butter fat; milk 493.2 lbs.

Food Consumed: 8.1 lbs. ration molasses feed, 4.5 lbs. ground oats, 6 lbs. gluten feed, 2.4 lbs. oil meal, 22 lbs. sugar beets daily. Shredded corn stover, mixed clover and timothy hay at liberty. Watered with pail after milking and in the barn all the time.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**NO. 3850. FLOSSY LAMB PIETERTJE 44017.**

FLOSSY LAMB PIETERT- JE 3850 A. R. O. In 7 y. 7 m. 13 d., 12.194 lbs. fat.	{	Sir Pietertje Lamb 337 A. R.	{	Pietertje Paul 18455.
		Altoana 2d's Eva 2944 A. R. O. In 12 y. 12 d., 15.050 lbs. fat.		Dieuwke Bergsma 7th 1892 D. F. H. B.
				Sangerfield 4003.
				Altoana 2d 10348.

Owned by H. D. Roe, Augusta, N. J. Bred by Lamb Brothers, East Hamilton, N. Y. Calved February 18, 1897.

Official Butter Record: Dropped calf October 1, 1904, at 7 y. 7 m. 13 d. of age; commenced record November 21, 1904; closed record November 27; 7 days' production 12.194 lbs. butter fat; milk 363 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**NO. 3851. AAGGIE CORNUCOPIA PAULINE 2D 60717.**

AAGGIE CORNUCOPIA PAULINE 2d 3851 A. R. O. In 2 y. 3 m. 22 d., 11.318 lbs. fat.	{	Johanna Aaggie's Sarcastic Lad 26935.	{	Sarcastic Lad 194 A. R.
				Johanna Aaggie 1255 A. R. O. In 4 y. 5 m. 9 d., 18.288 lbs. fat.
		Aaggie Cornucopia Pauline 1933 A. R. O. In 4 y. 11 m. 4 d., 110.093 lbs. fat 30 d.		De Kol 2d's Paul De Kol 107 A. R.
				Aaggie Cornucopia 1179 A. R. P. In 6 y., 21 lbs. 7.4 oz. butter by churn.

Owned and bred by H. D. Roe, Augusta, N. J. Calved March 2, 1902.

Official Butter Record: Dropped calf June 24, 1904, at 2 y. 3 m. 22 d. of age; commenced record December 7, 1904; closed record December 14; 7 days' production 11.318 lbs. butter fat; milk 337.3 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**NO. 3852. DOROTHY JOHANNA 60722.**

DOROTHY JOHANNA 3852 A. R. O. In 2 y. 8 m. 27 d., 13.198 lbs. fat.	{	Johanna Aaggie's Sarcastic Lad 26935.	{	Sarcastic Lad 194 A. R.
				Johanna Aaggie 1255 A. R. O. In 4 y. 5 m. 9 d., 18.288 lbs. fat.
		Dorothy Ondine Wayne 3d 1368 A. R. O. In 6 y. 1 m. 16 d., 17.576 lbs. fat.		Ideal Prince Aaggie 19137.
				Dorothy Ondine Wayne 1172 A. R. O. In 4 y. 9 m. 10 d., 16.532 lbs. fat.

Owned and bred by H. D. Roe, Augusta, N. J. Calved January 26, 1902.

Official Butter Record: Dropped calf October 23, 1904, at 2 y. 8 m. 27 d. of age; commenced record November 21, 1904; closed record November 27; 7 days' production 13.198 lbs. butter fat; milk 403.7 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**NO. 3853. ANNIE NASICA NUDINE 58115.**

ANNIE NASICA NUDINE 3853 A. R. O. In 3 y. 8 m. 22 d., 11.061 lbs. fat.	{	Nudine 5th's Chief 25446.	{	Chief Joseph 24743.
				Nudine 5th 890 A. R. P. In 1 y. 10 m., 8,990 1-16 lbs. milk 10 m.
		Lady Nasica 2d 43118.		Lady of Lyons' Monk 20793.
				Lady Nasica 34629.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by Esther A. Horr, Wellington, O. Calved February 25, 1901.

Official Butter Record: Dropped calf November 17, 1904, at 3 y. 8 m. 22 d. of age; commenced record December 8, 1904; closed record December 14; 7 days' production 11.061 lbs. butter fat; milk 365 lbs.

Attested by George E. Peoples, California Agricultural Experiment Station.

#### NO. 3854. DOTTY COOL 61857.

DOTTY COOL, 3854 A. R. O. In 2 y. 4 m. 23 d., 8.939 lbs. fat.	{	Mechthilde's Careme Colantha 321 A. R.	{ Careme's Union Pacific 17525. Mechthilde 6718 H.
		Dotty Spotfoot 51097.	{ Queen of Pacific's Pietersen 2d 19263. Omaha's Belle of Pacific 2d 39753.

Owned and bred by R. M. Hotaling, San Francisco, Cal. Calved June 11, 1902.

Official Butter Record: Dropped calf November 4, 1904, at 2 y. 4 m. 23 d. of age; commenced record December 9, 1904; closed record December 15; 7 days' production 8.939 lbs. butter fat; milk 311.9 lbs.

Attested by George E. Peoples, California Agricultural Experiment Station.

#### NO. 3855. ZOZO PAUL SIERRA 63393.

ZOZO PAUL SIERRA 3855 A. R. O. In 2 y. 3 m. 29 d., 11.687 lbs. fat.	{	Tirania 2d's Zozo Paul 22569.	{ Paul Zozo Prince 16834. Tirania 2d 12695.
		Maid of the Valley Sierra 35400.	{ Prince Los Flores 13211. Barbara Nichols 20767.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by G. S. Hewitt, Selma, Cal. Calved July 25, 1902.

Official Butter Record: Dropped calf November 24, 1904, at 2 y. 3 m. 29 d. of age; commenced record December 9, 1904; closed record December 16; 7 days' production 11.687 lbs. butter fat; milk 374.5 lbs.

Attested by George E. Peoples, California Agricultural Experiment Station.

#### NO. 3856. FLORENCE BARRINGTON DE KOL 66980.

FLORENCE BARRINGTON DE KOL 3856 A. R. O. In 9 y. 5 m. 24 d., 13.998 lbs. fat.	{	De Kol 2d's Paul De Kol 107 A. R.	{ Paul De Kol 97 A. R. De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Wietske Lady Barrington 35544.	{ Orphe's Lytle 13685. Wietske's Lady 24165.

Owned by W. L. Keyes, Deerfield, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved May 20, 1895.

Official Butter Record: Dropped calf November 14, 1904, at 9 y. 5 m. 24 d. of age; commenced record November 26, 1904; closed record December 2; 7 days' production 13.998 lbs. butter fat; milk 392.6 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

### WILHELMA BUTTER GIRL 3011 A. R. O. 65048.

WILHELMA BUTTER GIRL 3011 A. R. O. In 3 y. 8 m. 16 d., 12.440 lbs. fat.	{	De Kol 2d's Butter Boy 3d	{	Manor De Kol 130 A. R.
		147 A. R.		De Kol 2d 412 A. R. O. In
				10 y. 11 m. 3 d., 21.261 lbs. fat.
		Wilhelma Goudgeld 6th's		Pietertje Goudgeld 6th 16958.
		Pietertje 37378.		Wilhelma Goudgeld 6th
				24615.

Owned by W. L. Keyes, Deerfield, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 110.]

Second Official Butter Record: Dropped calf, November 14, 1904, at 3 y. 8 m. 16 d. of age; commenced record November 25, 1904; closed record December 2; 7 days' production 12.440 lbs. butter fat; milk 418.9 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

### NO. 3857. ZELLA DE KOL 3D 54920.

ZELLA DE KOL, 3d 3857 A. R. O. In 4 y. 7 m. 29 d., 13.471 lbs. fat.	{	Prince Pietertje De Kol 226	{	De Kol 2d's Paul De Kol
		A. R.		107 A. R.
				Netherland Pietertje Princess
				1141 A. R. O. In 3 y. 3
				m. 16 d., 14.496 lbs. fat.
		Zella De Kol 40306.		Judge Akkrum De Kol 172
				A. R.
				Zellota Netherland 34830.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by F. D. Mather, Belleville, N. Y. Calved February 28, 1900.

Official Butter Record: Dropped calf October 27, 1904, at 4 y. 7 m. 29 d. of age; commenced record November 11, 1904; closed record November 17; 7 days' production 13.471 lbs. butter fat; milk 359.3 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**PRINCESS PIEBE DE KOL 2648 A. R. O. 54728.**

PRINCESS PIEBE DE KOL 2648 A. R. O. In 3 y. 10 m. 24 d., 12.606 lbs. fat.	{	Sir Piebe De Kol 285 A. R.	{	Baron Pauline De Kol 161 A. R.
		Piebe Queen 2d's Princess 1433 A. R. O. In 4 y. 9 m., 17.743 lbs. fat.	{	Piebe Queen 1459 A. R. O. In 7 y. 2 d., 15.029 lbs. fat.
			{	Wartena Netherland Prince 128 A. R.
			{	Piebe Queen 2d 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 141.]

Second Official Butter Record: Dropped calf October 24, 1904, at 3 y. 10 m. 24 d. of age; commenced record November 3, 11.30 p. m., 1904; closed record November 10, 5.30 p. m.; 7 days' production 12.606 lbs. butter fat; milk 350.6 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**PONTIAC ORDER 3060 A. R. O. 53435.**

PONTIAC ORDER 3060 A. R. O. In 4 y. 4 m. 15 d., 15.836 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Pontiac Clymene Mechthilde 44454.	{	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
			{	Sir Inka Artis Mechthilde 191 A. R.
			{	Mabel C. E. 2d 32784.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 141.]

Second Official Butter Record: Dropped calf October 26, 1904, at 4 y. 4 m. 15 d. of age; commenced record November 13, 1904; closed record November 19; 7 days' production 15.836 lbs. butter fat; milk 485.6 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 3858. PONTIAC MAIA 65766.**

PONTIAC MAIA 3858 A. R. O. In 2 y. 1 m. 25 d., 8.848 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Pontiac Lachesis 2318 A. R. P. In 2 y. 2 m. 29 d., 8,973 lbs. milk 1 y.	{	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
			{	Sir Inka Artis Mechthilde 191 A. R.
			{	Terra 1471 A. R. P. In 2 y. 23 d., 7,239 lbs. milk 1 y.

Owned by Stevens Brothers, Lacona, N. Y. Bred by Eastern Michigan Asylum, Pontiac, Mich. Calved September 4, 1902.



Official Butter Record: Dropped calf October 29, 1904, at 2 y. 1 m. 25 d. of age; commenced record November 11, 1904; closed record November 18; 7 days' production 8.848 lbs. butter fat; milk 284.4 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

#### NO. 3859. MAPLEWOOD MECHTHILDE 2D 51484.

MAPLEWOOD MECH- THILDE 2d 3859 A. R. O. In 5 y. 5 m. 16 d., 13.402 lbs. fat.	{	Sir Netherland Abbekerk 22017.	{	Soldene 2d's Netherland 8519.
				Parana Abbekerk 2d's Jewel Mechthilde 26722.
	{	Maplewood Mechthilde 31759.	{	Colantha's 2d Sir Henry 10497.
				Mechthilde 2d 11339.

Owned by T. A. Mitchell, Weedsport, N. Y. Bred by William Rood, Binghamton, N. Y. Calved May 23, 1899.

Official Butter Record: Dropped calf November 9, 1904, at 5 y. 5 m. 16 d. of age; commenced record December 5, 1904; closed record December 11; 7 days' production 13.402 lbs. butter fat; milk 377.5 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

#### NO. 3860. VINNIE'S JEWEL COLANTHA 2D 56188.

VINNIE'S JEWEL COL- ANTHA 2d 3860 A. R. O. In 3 y. 10 m. 3 d., 10.264 lbs. fat.	{	Colantha Mercedes Mechthilde 23910.	{	Sir Mechthilde Parthenea 21553.
				Tirania Mercedes Colantha 32623.
	{	Vinnie's Jewel Colantha 3861 A. R. O. In 6 y. 11 m. 7 d., 12.109 lbs. fat.	{	Jewel Echo's Sir Henry Colantha 16446.
				Vinnie 1637 H.

Owned by T. A. Mitchell, Weedsport, N. Y. Bred by George F. Blewer, Weltonville, N. Y. Calved December 15, 1900.

Official Butter Record: Dropped calf October 18, 1904, at 3 y. 10 m. 3 d. of age; commenced record November 20, 1904; closed record November 27; 7 days' production 10.264 lbs. butter fat; milk 290.9 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**URMA OF OAKLAND 3196 A. R. O. 60863.**

URMA OF OAKLAND 3196 A. R. O. In 3 y. 2 m. 11 d., 13.855 lbs. fat.	{	Mutual Friend 3d's Paul 148 A. R.	{	Paul De Kol 97 A. R.
		Urma 5th B. 3330 A. R. O. In 7 y. 9 m. 27 d., 13.856 lbs. fat.		Mutual Friend 3d 1119 A. R. O. In 4 y. 3 m. 8 d., 18.265 lbs. fat.
			{	Gelsche 4th's Hamilton 20765.
			{	Urma 5th 26075.

Owned by T. A. Mitchell, Weedsport, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 223.]

Second Official Butter Record: Dropped calf November 7, 1904, at 3 y. 2 m. 11 d. of age; commenced record November 19, 1904; closed record November 26; 7 days' production 13.855 lbs. butter fat; milk 404.7 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**DE KOL A. 3198 A. R. O. 54707.**

DE KOL A. 3198 A. R. O. In 4 y. 14 d., 11.268 lbs. fat.	{	Daisy De Kol 2d's Perfection 24744.	{	Netherland De Kol's Perfection 223 A. R.
		De Kol Perfection A. 50888.		Daisy De Kol 2d 30163.
			{	Daisy De Kol 2d's Perfection 24744.
			{	Parmia Hiske 23163.

Owned by T. A. Mitchell, Weedsport, N. Y.

[Entry of additional records. For previous records see Vol. XV. page 224.]

Second Official Butter Record: Dropped calf November 15, 1904, at 4 y. 14 d. of age; commenced record November 26, 1904; closed record December 3; 7 days' production 11.268 lbs. butter fat; milk 316.1 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 3861. VINNIE'S JEWEL COLANTHA 44598.**

VINNIE'S JEWEL COLAN- THA 3861 A. R. O. In 6 y. 11 m. 7 d., 12.109 lbs. fat.	{	Jewel Echo's Sir Henry Colantha 16446.	{	Colantha's Sir Henry 3733.
		Vinnie 1637 H.		Jewel Echo 7744.

Owned by T. A. Mitchell, Weedsport, N. Y. Bred by William Rood, Binghamton, N. Y. Calved November 9, 1897.

Official Butter Record: Dropped calf October 16, 1904, at 6 y. 11 m. 7 d. of age; commenced record November 19, 1904; closed record November 25; 7 days' production 12.109 lbs. butter fat; milk 399.7 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 3862. ZUIDER ZEE AGNES 3D 64163.**

✓ ZUIDER ZEE AGNES 3d 3862 A. R. O. In 2 y. 7 m. 17 d., 10.165 lbs. fat.	{ Manor De Kol's Plum 24777.	{ Manor De Kol 130 A. R.
		{ Plum 4th 1180 A. R. O. In 6 y. 5 d., 15.519 lbs. fat.
	{ Zuider Zee Agnes 45832.	{ Sievia Keyes' Pietertje 13984. Zuider Zee Clifden 4855 H.

Owned and bred by University of Illinois, Urbana, Ill. Calved March 13, 1902.

Official Butter Record: Dropped calf October 30, 1904, at 2 y. 7 m. 17 d. of age; commenced record November 23, 1904; closed record November 30; 7 days' production 10.165 lbs. butter fat; milk 302.2 lbs.

Attested by W. W. Hepburn, Wisconsin Agricultural Experiment Station.

**TINA CLAY DE KOL 2951 A. R. O. 57350.**

✓ TINA CLAY DE KOL, 2951 A. R. O. In 3 y. 10 m. 24 d., 11.337 lbs. fat.	{ Manor De Kol's Plum 24777.	{ Manor De Kol 130 A. R.
		{ Plum 4th 1180 A. R. O. In 6 y. 5 d., 15.519 lbs. fat.
	{ Tina Clay's Pietertje Bell 29727.	{ Sievia Keyes' Pietertje 13984. Tina Clay 2472 H.

Owned by University of Illinois, Urbana, Ill.

[Entry of additional records. For previous records see Vol. XV, page 79.]

Second Official Butter Record: Dropped calf October 5, 1904, at 3 y. 10 m. 24 d. of age; commenced record November 23, 1904; closed record November 30; 7 days' production 11.337 lbs. butter fat; milk 368.7 lbs.

Attested by W. W. Hepburn, Wisconsin Agricultural Experiment Station.

**NO. 3863. KRYZIA DE KOL PAUL 55079.**

KRYZIA DE KOL PAUL 3863 A. R. O. In 4 y. 6 m. 21 d., 11.639 lbs. fat.	{	De Dikkert 3d's De Kol Paul 23525.	{	Pauline Paul's De Kol 180 A. R.
			{	De Dikkert 3d's De Kol 39082.
	{	Aaggie Rosa 2d's Netherland Mechthilde 1337 W.	{	Sir Tirania Mechthilde 145 A. R.
				Aaggie Rosa 2d's Netherland 7006.

Owned by University of Illinois, Urbana, Ill. Bred by J. H. Coolidge & Son,  
Galesburg, Ill. Calved March 18, 1900.

Official Butter Record: Dropped calf October 9, 1904, at 4 y. 6 m. 21 d. of  
age; commenced record November 23, 1904; closed record November 30; 7 days'  
production 11.639 lbs. butter fat; milk 351.6 lbs.

Attested by W. W. Hepburn, Wisconsin Agricultural Experiment Station.

**NO. 3864. NIEROP NETHERLAND CLARA 71186.**

NIEROP NETHERLAND CLARA 3864 A. R. O. In 5 y. 10 m. 14 d., 13.070 lbs. fat.	{	Nierop Netherland 2d 23442.	{	Nierop Netherland 19198.
			{	Ravenwood 3d 24540.
	{	Clara B. 2d 71185.	{	Ben Hanchett 18742.
				Clara B. 15213.

Owned by P. D. Ede, Oxford Center, Ont. Bred by J. W. Lee, Simcoe, Ont.  
Calved May 30, 1898.

Official Butter Record: Dropped calf April 14, 1904, at 5 y. 10 m. 14 d. of  
age; commenced record June 2, 1 p. m., 1904; closed record June 10, 5 a. m.; 7  
days' production 13.070 lbs. butter fat; milk 456.7 lbs.

Attested by Frank H. Prittie, Ontario Agricultural Experiment Station.

**ALTOANA PIETERTJE A. 2682 A. R. O. 54656.**

ALTOANA PIETERTJE A. 2682 A. R. O. In 5 y. 11 m. 16 d., 63.881 lbs. fat 30 d.	{	Sir Pietertje Lamb 337 A. R.	{	Pietertje Paul 18455.
				Dieuwke Bergsma 7th 1892 D. F.
	{	Altoana 4th 28866.	{	Meadow Lea Monk 10037.
				Altoana 6605 H.

Owned by Connecticut Agricultural College, Storrs, Ct.

[Entry of additional records. For previous records see Vol. XIV, page 161.]


Description: Age, 8 y. 1 m. 23 d.; milk and beef form; head, small; neck, fine, slightly drooping; chine, fairly broad, open vertebræ; strong loin, hips level; rump, rising pelvic arch, slightly sloping to rear; escutcheon, good flanders; mammary veins, medium length, medium size; udder, capacious, fairly flexible, quarters equal capacity; teats, perfect; handling, good; secretions of skin, abundant, oily; general appearance, very vigorous, fine, good style; height, shoulders 52 inches, hips 54; length, body 67.5, rump 21; width, hips 21.5, thurl 20.5; girth, 75; weight, 1,235 lbs.; examiner, L. A. Clinton; examined December 30, 1904.

Milk Record: Dropped calf December 10, 1903, at 7 y. 1 m. 3 d. of age; commenced record December 15, 1903; closed record December 15, 1904; 1 year's production 13,050.4 lbs.; ten months' production 11,731.2 lbs.

Butter Record: Dropped calf December 10, 1903, at 7 y. 1 m. 3 d. of age; commenced record December 15, 1903; closed record December 15, 1904; 1 year's production 452.03 lbs. butter fat; milk 13,050.4 lbs.

Attested by E. L. Tucker and Roy S. Holt, Connecticut Agricultural Experiment Station.

**NO. 3865. PONTIAC ARTIS 61114.**

 <b>PONTIAC ARTIS 3865 A.</b> R. O. In 2 y. 3 m. 20 d., 59.807 lbs. fat 30 d.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Pontiac Clothilde Inka 2125 A. R. O. In 6 y. 2 m. 22 d., 14.349 lbs. fat.		Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
			{	Sir Inka Artis Mechthilde 191 A. R.
				Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by Eastern Michigan Asylum, Pontiac, Mich. Calved July 11, 1902.

Official Butter Record: Dropped calf October 31, 1904, at 2 y. 3 m. 20 d. of age; commenced record November 30, 1904; closed record December 6; 7 days' production 14.412 lbs. butter fat; milk 398.4 lbs..

Official Butter Record: Thirty consecutive days. Dropped calf November 14, 1904, at 2 y. 3 m. 20 d., of age; commenced record November 14, 1904; closed record December 13; 30 days' production 59.807 lbs. butter fat; milk 1,632.1 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**DAISY LAMB DE KOL C. 3132 A. R. O. 56148.**

<b>DAISY LAMB DE KOL C.</b> 3132 A. R. O. In 4 y. 2 m. 10 d., 13.982 lbs. fat.	{	Lamb De Kol Pietertje 218 A. R.	{	De Kol 2d's Queen Pietertje 17067.
		Daisy Lamb Pietertje 44021.		Vleel 2d 857 A. R. P. In 2 y. 2 m., 15 lbs. 14.5 oz. butter by churn.
			{	Sir Pietertje Lamb 337 A. R.
				Daisy Lamb 36310.



Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 183.]

Second Official Butter Record: Dropped calf November 10, 1904, at 4 y. 2 m. 10 d. of age; commenced record December 4, 1904; closed record December 11; 7 days' production 13.982 lbs. butter fat; milk 423.6 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

### CLOTHILDE RUTH 3078 A. R. O. 56280.

CLOTHILDE RUTH 3078 A. R. O. In 3 y. 8 m. 10 d., 12.562 lbs. fat.	{	Clothilde 3d's Sir Clothilde 202 A. R.	{	Sir Clothilde 18167.
		Aaggie Idaline Susie 44401.		Clothilde 3d 419 A. R. P. In 5 y. 23 d., 15 lbs. 6 oz. butter by churn.
			{	Aaggie Idaline 2d's Statesman 3336.
			{	Miss Susan 22789.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XV, page 152.]

Second Official Butter Record: Dropped calf November 28, 1904, at 3 y. 8 m. 10 d. of age; commenced record December 9, 1904; closed record December 16; 7 days' production 12.562 lbs. butter fat; milk 374.8 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

### NO. 3866. SIERRA BLANCO NANCY 65319.

SIERRA BLANCO NANCY 3866 A. R. O. In 2 y. 5 m. 4 d., 11.196 lbs. fat.	{	A. & G. Paul De Kol Butter Boy 26648.	{	Pauline Paul 2d's Count 190 A. R.
		Sierra Blanco 52257.		Mulvie's Pauline De Kol 1598 A. R. O. In 6 y. 26 d., 18.470 lbs. fat.
			{	Nero Blanco 250 A. R.
			{	Olympia Clay 2277 A. R. O. In 5 y. 11 m., 14.536 lbs. fat.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by Pierce Land and Stock Co., San Francisco, Cal. Calved July 3, 1902.

Official Butter Record: Dropped calf December 7, 1904, at 2 y. 5 m. 4 d. of age; commenced record December 14, 1904; closed record December 21; 7 days' production 11.196 lbs. butter fat; milk 365.9 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**NO. 3867. HULDAH CANARY JANE 66111.**

HULDAH CANARY JANE  
3867 A. R. O. In 2 y. 10  
d., 17.277 lbs. fat 14 d.

{ Calamity Jane Texal Prince  
28329.

{ Calamity Jane's Paul 146  
A. R.

{ Daisy Texal 2d 1406 A. R.  
O. In 3 y. 1 m. 22 d.,  
14.449 lbs. fat.

{ Huldah C. 3869 A. R. O. In  
6 y. 3 m. 22 d., 27.907 lbs.  
fat 14 d.

{ Canary's Mercedes' Royal  
Chimax 200 A. R.

{ Butterfly Pet 41653.

Owned and bred by R. C. Reed, Howell, Mich. Calved September 20, 1902.

Official Butter Record: Dropped calf September 30, 1904, at 2 y. 10 d. of age; commenced record December 14, 1904; closed record December 20; 7 days' production 8.860 lbs. butter fat; milk 290.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf September 30, 1904, at 2 y. 10 d. of age; commenced record December 7, 1904; closed record December 20; 14 days' production 17.277 lbs. butter fat; milk 568.4 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

**CLOTHILDE MERCEDES TRITOMIA 2612 A. R. O. 50078.**

CLOTHILDE MERCEDES  
TRITOMIA 2612 A. R. O.  
In 6 y. 6 d., 13.526 lbs. fat.

{ Clothilde Apollo Boon 297  
A. R.

{ Apollo Boon 21963.

{ Lydia Artis 3d's Clothilde  
38432.

{ Roxy Tritomia 35416.

{ Tritomia Mercedes Clide  
17015.

{ Roxy Adorp 13116.

Owned by R. C. Reed, Howell, Mich.

[Entry of additional records. For previous records see Vol. XIV, page 122.]

Second Official Butter Record: Dropped calf October 29, 1904, at 6 y. 6 d., of age; commenced record December 10, 1904; closed record December 16; 7 days' production 13.526 lbs. butter fat; milk 470.8 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

**HUNTRESS C. 2611 A. R. O. 57497.**

HUNTRESS C. 2611 A. R.  
O. In 3 y. 11 m. 11 d.,  
22.910 lbs. fat 14 d.

{ Clothilde Apollo Boon 297  
A. R.

{ Apollo Boon 21963.

{ Lydia Artis 3d's Clothilde  
38432.

{ Huntress Crown Jewel 1324  
A. R. O. In 2 y. 3 m. 17  
d., 10.452 lbs. fat.

{ Netherland Helmer 11273.

{ Huntress 2350 H.

Owned by R. C. Reed, Howell, Mich.

[Entry of additional records. For previous records see Vol. XIV, page 122.]

Second Official Butter Record: Dropped calf October 26, 1904, at 3 y. 11 m. 11 d. of age; commenced record December 14, 1904; closed record December 20; 7 days' production 11.809 lbs. butter fat; milk 374.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October 26, 1904, at 3 y. 11 m. 11 d. of age; commenced record December 7, 1904; closed record December 20; 14 days' production 22.910 lbs. butter fat; milk 756.4 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

### BLONDEAN DE KOL STAR 3230 A. R. O. 68095.

BLONDEAN DE KOL STAR 3230 A. R. O. In 2 y. 10 m. 27 d., 24.161 lbs. fat 14 d.	{	Netherland De Kol Pietertje 267 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Netherland Pietertje Hartog 1181 A. R. O. In 4 y. 1 m. 14 d., 10.972 lbs. fat.
	{	Blondean Star 43749.	{ Reed's Gem 111 A. R. Blondean 2d 23376.

Owned by R. C. Reed, Howell, Mich.

[Entry of additional records. For previous records see Vol. XV, page 242.]

Second Official Butter Record: Dropped calf October 20, 1904, at 2 y. 10 m. 27 d. of age; commenced record December 10, 1904; closed record December 16; 7 days' production 12.338 lbs. butter fat; milk 343 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October 20, 1904, at 2 y. 10 m. 27 d. of age; commenced record December 7, 1904; closed record December 20; 14 days' production 24.161 lbs. butter fat; milk 709.3 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

### HUNTRESS LAST 3228 A. R. O. 61876.

HUNTRESS LAST 3228 A. R. O. In 3 y. 22 d., 11.765 lbs. fat.	{	Netherland De Kol Pietertje 267 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Netherland Pietertje Hartog 1181 A. R. O. In 4 y. 1 m. 14 d., 10.972 lbs. fat.
	{	Huntress Crown Jewel 1324 A. R. O. In 2 y. 3 m. 17 d., 10.452 lbs. fat.	{ Netherland Helmer 11273. Huntress 2350 H.

Owned by R. C. Reed, Howell, Mich.

[Entry of additional records. For previous records see Vol. XV, page 241.]

Second Official Butter Record: Dropped calf December 4, 1904, at 3 y. 22 d. of age; commenced record December 13, 1904; closed record December 19; 7 days' production 11.765 lbs. butter fat; milk 318.2.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

**NO. 3868. BEWUNDE BUTTER QUEEN 50128.**

✓ BEWUNDE BUTTER  
QUEEN 3868 A. R. O. In  
6 y. 4 d., 12.140 lbs. fat.

- |   |  |   |  |
|---|--|---|--|
| { | Canary's Mercedes' Royal<br>Climax 200 A. R.   | { | Netherland Helmer 11278.   |
|   | Bewunde's Aaggie 1078 A. R.<br>P. In 5 y. 7 m. 5 d., 29<br>lbs. 5 oz. butter by churn. |   | Canary's Mercedes 1109 A.<br>R. O. In 6 y. 8 m. 14 d.,<br>20.129 lbs. fat. |
| { |  | { | Sir Newton of Aaggie 1858<br>H. H. B.                                      |
|   |  |   | Bewunde 1670 H. H. B.  |

Owned by R. C. Reed, Howell, Mich. Bred by Harvey S. Day, Willis, Mich.  
Calved October 27, 1898.

Official Butter Record: Dropped calf November 1, 1904, at 6 y. 4 d. of age;  
commenced record December 14, 1904; closed record December 20; 7 days' pro-  
duction 12.140 lbs. butter fat; milk 411.3 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

**NO. 3869. HULDAH G. 43774.**

X HULDAH G. 3869 A. R. O.  
In 6 y. 8 m. 22 d., 27.907  
lbs. fat 14 d.

- |   |  |   |  |
|---|--|---|--|
| { | Canary's Mercedes' Royal<br>Climax 200 A. R. | { | Netherland Helmer 11278.   |
|   | Butterfly Pet 41653.                         |   | Canary's Mercedes 1109 A.<br>R. O. In 6 y. 8 m. 14 d.,<br>20.129 lbs. fat.           |
| { |  | { | Day's Eldorado 21186.  |
|   |  |   | Canary's Mercedes Butterfly<br>1263 A. R. O. In 2 y. 1<br>m. 15 d., 10.278 lbs. fat. |

Owned by R. C. Reed, Howell, Mich. Bred by Harvey S. Day, Willis, Mich.  
Calved January 15, 1898.

Official Butter Record: Dropped calf October 7, 1904, at 6 y. 8 m. 22 d. of  
age; commenced record December 12, 1904; closed record December 18; 7 days'  
production 14.609 lbs. butter fat; milk 428.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October  
7, 1904, at 6 y. 8 m. 22 d. of age; commenced record December 7, 1904; closed  
record December 20; 14 days' production 27.907 lbs. butter fat; milk 823 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

**NO. 3870. PIPSEY CALAMITY BOON 66112.**

PIPSEY CALAMITY  
BOON 3870 A. R. O. In  
2 y. 1 m. 19 d., 19.197 lbs.  
fat 14 d.

- |   |  |   |   |
|---|--|---|---|
| { | Calamity Jane Texal Prince<br>28329.                               | { | Calamity Jane's Paul 146<br>A. R.                                       |
|   | Pipsey Gem Boon 2613 A. R.<br>O. In 2 y. 15 d., 7.314<br>lbs. fat. |   | Daisy Texal 2d 1406 A. R.<br>O. In 3 y. 1 m. 22 d.,<br>14.449 lbs. fat. |
| { |  | { | Clothilde Apollo Boon 297<br>A. R.                                      |
|   |  |   | Pipsey Gem 47585.   |

Owned and bred by R. C. Reed, Howell, Mich. Calved September 1, 1902.

Official Butter Record: Dropped calf October 20, 1904, at 2 y. 1 m. 19 d. of age; commenced record December 13, 1904; closed record December 19; 7 days' production 10.261 lbs. butter fat; milk 347.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October 20, 1904, at 2 y. 1 m. 19 d. of age; commenced record December 7, 1904; closed record December 20; 14 days' production 19.197 lbs. butter fat; milk 677.3 lbs.

Attested by C. L. Brody, Michigan Agricultural Experiment Station.

# **NO. 3871. MAUD OF KENT 2D 65914.**

MAUD OF KENT 2d 3871 A. R. O. In 11 y. 7 m. 25 d., 18.204 lbs. fat.	{ Aaggie 6th's Royal 16724.  Maud of Kent 27900.	{ Royal Aaggie 3 A. R. Aaggie 6th 185 A. R. P. In 2 y. 4 m. 6 d., 9 lbs. 14.5 oz.; butter by churn.
		{ Gelske's Tritomia Prince 7486. Anna Jelsum 4185.

Owned by P. D. Ede, Oxford Center, Ont. Bred by J. & Francis Pirie, Putnam, Ont. Calved April 1, 1903.

Official Butter Record: Dropped calf November 26, 1904, at 11 y. 7 m. 25 d. of age; commenced record December 26, 1904; closed record January 1, 1905; 7 days' production 18.204 lbs. butter fat; milk 478.2 lbs.

Food Consumed: 30 to 35 lbs. ensilage, 2 lbs. oil cake, 6 lbs. pea meal, 16 lbs. of bran and oat chop of equal weight, and all the clover hay the cow could eat daily. Salt and water before her continually. This ration was divided into 3 feeds per day.

Attested by George S. Dobbie, Ontario Agricultural Experiment Station.

# **NO. 3872. WINNIE R'S GEM 47213.**

WINNIE R'S Gem 3872 A. R. O. In 7 y. 2 m. 8 d., 13.048 lbs. fat.	{ Reed's Gem 111 A. R.  Winnie R. 1305 A. R. P. In 5 y. 11 m. 19 d., 17,502 lbs. milk 1 y.	{ Barzheim Pietertje 18027. Bleske 2d 7288.
		{ Van Fries 3619. Diena 2d 1018.

Owned by W. S. Schell, Woodstock, Ont. Bred by Frank R. Crandal, Howell, Mich. Calved September 15, 1897.

Official Butter Record: Dropped calf November 23, 1904, at 7 y. 2 m. 8 d. of age; commenced record December 24, 1904; closed record December 30; 7 days' production 13.048 lbs. butter fat; milk 409 lbs.

Attested by George S. Dobbie, Ontario Agricultural Experiment Station.



**NO. 3873. PIETERTJE HARTOG TWEEDE 2D 68036.**

<b>PIETERTJE HARTOG TWEEDE</b> 2d 3873 A. R. O. In 4 y. 10 m. 6 d., 12.083 lbs. fat.	{	Quoque Major 31611.	{	Captain Tucker 31347.
		Pietertje Hartog Tweede 37269.		Quoque 2d 28441.
			{	Pietertje Hartog 137 A. R.
			{	Leonia Tweede 2d 10723.

Owned by Jarvis Brothers, Cooperstown, N. Y. Bred by I. S. Allen, Hubbardsville, N. Y. Calved January 10, 1900.

Official Butter Record: Dropped calf November 16, 1904, at 4 y. 10 m. 6 d. of age; commenced record December 16, 1904; closed record December 23; 7 days' production 12.083 lbs. butter fat; milk 377.3 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

**NO. 3874. REVONNA PARTHENEAE JEWEL 59389.**

<b>REVONNA PARTHENEAE JEWEL</b> 3874 A. R. O. In 2 y. 9 m. 21 d., 8.220 lbs. fat.	{	Sir Jewel Parthenaea Soldene 322 A. R.	{	Senator Parthenaea Mechthilde 22929.
		Revonna 29918.		Colantha Jewel Soldene 41673.
			{	Aunt Esther's Netherland 9830.
			{	Aurora's Pride 15541.

Owned by Jarvis Brothers, Cooperstown, N. Y. Bred by Ira S. Jarvis, Hartwick Seminary, N. Y. Calved December 14, 1901.

Official Butter Record: Dropped calf October 5, 1904, at 2 y. 9 m. 21 d. of age; commenced record December 16, 1904; closed record December 23; 7 days' production 8.220 lbs. butter fat; milk 251.7 lbs.

Second Official Butter Record: Dropped calf October 5, 1904, at 2 y. 9 m. 21 d. of age; commenced record January 13, 1905; closed record January 19; 7 days' production 8.679 lbs. butter fat; milk 283.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October 5, 1904, at 2 y. 9 m. 21 d. of age; commenced record January 11, 1905; closed record January 24; 14 days' production 16.769 lbs. butter fat; milk 545.2 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

**NO. 3875. RUTH PIETERTJE HARTOG TWEEDE 68293.**

RUTH PIETERTJE HARTOG TWEEDE 3875 A. R. O. In 2 y. 1 m. 25 d., 9.031 lbs. fat.	{	Count Clothilde Beets 27431.	{ Maplecroft De Kol 275 A. R.
			{ Clothilde 7th's Clothilde 33131.
	{	Pietertje Hartog Tweede 3873 A. R. O. In 4 y. 10 m. 6 d., 12.083 lbs. fat.	{ Quoque Major 31611.
			{ Pietertje Hartog Tweede 37269.

Owned by Jarvis Brothers, Cooperstown, N. Y. Bred by I. S. Allen, Hubbardsville, N. Y. Calved September 5, 1902.

Official Butter Record: Dropped calf October 30, 1904, at 2 y. 1 m. 25 d. of age; commenced record December 16, 1904; closed record December 23; 7 days' production 9.031 lbs. butter fat; milk 242.2 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

**NO. 3876. NELLIE DUCHESS OF PLEASANT HILL 64084.**

NELLIE DUCHESS OF PLEASANT HILL 3876 A. R. O. In 7 y. 7 m. 29 d., 16.977 lbs. fat.	{	Charity Girl's Prince 22513.	{ Kleiterp 5th's Hamilton 15163.
			{ Charity Girl 17040.
	{	Duchess Effingham 38277.	{ Shadeland Censor 19603.
			{ Halqui 2d's Anna 32238.

Owned by W. D. Robens, Cold Brook, N. Y. Bred by E. D. Frank, East Schuyler, N. Y. Calved March 26, 1897.

Official Butter Record: Dropped calf November 25, 1904, at 7 y. 7 m. 29 d. of age; commenced record December 6, 1904; closed record December 13; 7 days' production 16.977 lbs. butter fat; milk 523.4 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**NO. 3877. PARTHENEIA PRINCESS 64936.**

PARTHENEIA PRINCESS 3877 A. R. O. In 2 y. 1 m. 13 d., 7.751 lbs. fat.	{	Sir Partheneia De Kol 28853.	{ Netherland Aaggie Paul De Kol 269 A. R.
			{ America Partheneia 972 W.
	{	Chloe Princess B. 2108 A. R. O. In 3 y. 2 m. 9 d., 13.749 lbs. fat.	{ Mechthilde Josephine Chief 175 A. R.
			{ Chloe Princess 2112 A. R. O. In 4 y. 10 m. 14 d., 13.296 lbs. fat.

Owned by Joel P. Heatwole, Northfield, Minn. Bred by W. F. Schilling, Northfield, Minn. Calved August 29, 1902.

Official Butter Record: Dropped calf October 12, 1904, at 2 y. 1 m. 13 d. of age; commenced record November 29, 1904; closed record December 5; 7 days' production 7.751 lbs. butter fat; milk 242.4 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

#### NO. 3878. HOMESTEAD DE KOL OF LAKE SIDE 66576.

HOMESTEAD DE KOL OF LAKE SIDE 3878 A. R. O. In 2 y. 14 d., 8.073 lbs. fat.	{	Homestead Prince De Kol 323 A. R.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
				Shadeland De Kol 1357 A. R. O. In 2 y. 11 m. 28 d., 12.263 lbs. fat.
	{	Frances McG. 50036.	{	Peter McG. 22792.
				Frances Colanthus 3384 A. R. O. In 8 y. 4 m. 29 d., 17.051 lbs. fat.

Owned by Joel P. Heatwole, Northfield, Minn. Bred by William Everson, Lake Mills, Wis. Calved October 14, 1902.

Official Butter Record: Dropped calf October 28, 1904, at 2 y. 14 d. of age; commenced record November 29, 1904; closed record December 5; 7 days' production 8.073 lbs. butter fat; milk 259.5 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

#### NO. 3879. BLANCHE BELLE JALMAR 49873.

BLANCHE BELLE JAL- MAR 3879 A. R. O. In 5 y. 11 m. 20 d., 12.764 lbs. fat.	{	Lady Jalmar's Pietertje Boy 22256.	{	Bracelet's Jack Pietertje 20482.
				Lady Jalmar 38594.
	{	Blanche Belle 2194 A. R. O. In 7 y. 2 m. 21 d., 13.817 lbs. fat.	{	Netherland Chieftain 17188.
				Bertie's Bud's Blanche 24862.

Owned by F. B. Fargo, Lake Mills, Wis. Bred by H. D. Hughes, Antioch, Ill. Calved November 8, 1898.

Description: Age, 6 y. 1 m. 4 d.; milk form; head, proportionate, trifle narrow; neck, fine, medium length; chine, straight, single, fairly open vertebrae; loin and hips, moderately strong, level; rump, high, slightly uneven; escutcheon, medium size, fine; mammary veins, medium length, large; udder, capacious, flexible, quarters slightly uneven; teats, slightly cone shaped; handling, superior; secretions of skin, abundant, yellow, oily; general appearance, vigorous, fine, symmetrical; height, shoulders 52 inches, hips 53; length, body 58, rump 20; width, hips 20, thurl 18; girth, 71; weight, 1,115 lbs.; examiner, A. J. Meyer; examined December 12, 1904.

Official Butter Record: Dropped calf October 28, 1904, at 5 y. 11 m. 20 d. of age; commenced record November 24, 1904; closed record November 30; 7 days' production 12.764 lbs. butter fat; milk 386 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

### CANARY MERCEDES GENEVIEVE 2493 A. R. O. 55339.

CANARY MERCEDES GENEVIEVE 2493 A. R. O. In 4 y. 2 m. 5 d., 13.633 lbs. fat.	{	Sir Jewel Jantje Mechthilde 212 A. R.	{	Sir Abbekerk Mechthilde 246 A. R. Niva Jantje 25940.
		Canary's Mercedes 1109 A. R. O. In 6 y. 8 m. 14 d., 20.129 lbs. fat.		Antje Vriend's Mercedes Prince 88 A. R. Canary 4284.

Owned by F. B. Fargo, Lake Mills, Wis.

[Entry of additional records. For previous records see Vol. XIV, page 59.]

Description: Age, 4 y. 3 m. 7 d.; milk and beef form; head, proportionate, trifle coarse; neck, medium size, slightly drooping; chine, straight, single, fairly open vertebræ; loin and hips, strong, slightly rounded; rump, high, slightly arched, uneven; escutcheon, medium size, fair quality; mammary veins, medium length, large; udder, capacious, moderately flexible, quarters even; teats, trifle short; handling, fairly good; secretions of skin, deep brown in color; general appearance, strong, vigorous; height, shoulders 56 inches, hips 57; length, body 65, rump 20; width, hips 22, thurl 19; girth, 79; weight 1,230 lbs.; examiner, A. J. Meyer; examined December 12, 1904.

Second Official Butter Record: Dropped calf November 10, 1904, at 4 y. 2 m. 5 d. of age; commenced record November 25, 1904; closed record December 2; 7 days' production 13.633 lbs. butter fat; milk 358.7 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

### NO. 3880. VEVIE ZANTE 67108.

VEVIE ZANTE 3880 A. R. O. In 2 y. 3 d., 8.151 lbs. fat.	{	Vevie Night-De Kol 23637.	{	Paul De Kol Clothilde 123 A. R. Vevie Night 2d 1244 A. R. O. In 9 y. 20 d., 14.666 lbs. fat.
		Zante 2d's Clothilde 2d 52526.		Netherland Zante 22210. Zante 2d's Clothilde 42952.

Owned by F. B. Fargo, Lake Mills, Wis. Bred by W. S. Carpenter, Menominee, Mich. Calved November 16, 1902.

Description: Age, 2 y. 26 d.; milk and beef form; head, proportionate, trifle short in face; neck, medium size, short; chine, slightly roached, close vertebræ; loin and hips, strong, slightly rounded; rump, slightly uneven, trifle arched;

escutcheon, medium size, fair quality; mammary veins, medium length, moderately large; udder, fairly capacious, flexible, quarters even; teats, good size; handling, good; secretions of skin, not abundant; general appearance, vigorous, fine, symmetrical; height, shoulders 51 inches, hips 52; length, body 53, rump 20; width, hips 21, thurl 18; girth, 72; weight, 960 lbs.; examiner, A. J. Meyer; examined December 12, 1904.

Official Butter Record: Dropped calf November 19, 1904, at 2 y. 3 d. of age; commenced record December 3, 1904; closed record December 9; 7 days' production 8.151-lbs. butter fat; milk 209.6 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

#### NO. 3881. PANSJE CLOTHILDE VERNON DE KOL 50720.

PANSJE CLOTHILDE VERNON DE KOL 3881 A. R. O. In 4 y. 10 m. 18 d., 13.170 lbs. fat.	{	Homestead Vernon De Kol 220 A. R.	{ Pieterje Hengerveld's Paul De Kol 109 A. R. Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.
		Pansje Clothilde Pietertje 1622 A. R. O. In 3 y. 1 m. 20 d., 11.318 lbs. fat.	{ Clothilde 2d's Netherland's Pietertje 19801. Worths Pansje 3439.

Owned by Gardner & Misner, Centerville Station, N. Y. Bred by A. A. Cortelyou, Neshanic, N. J. Calved January 5, 1900.

Official Butter Record: Dropped calf November 23, 1904, at 4 y. 10 m. 18 d. of age; commenced record December 8, 1904; closed record December 15; 7 days' production 13.170 lbs. butter fat; milk 386.7 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

#### NO. 3882. AAGGIE JETTA'S PAULINE DE KOL 53515.

AAGGIE JETTA'S PAUL- INE DE KOL 3882 A. R. O. In 5 y. 29 d., 13.353 lbs. fat.	{	Aaggie Cornucopia's Paul De Kol 332 A. R.	{ De Kol 2d's Paul De Kol 107 A. R. Aaggie Cornucopia 1179 A. R. P. In 6 y., 21 lbs. 7.4 oz. butter by churn.
		Aaggie Jetta 1804 A. R. P. In 8 y. 4 m. 19 d., 12,770 4-10 lbs. milk 1 y.	{ Sir Jacob 8156. Jetta 2d 9239 H. H. B.

Owned and bred by Gardner & Misner, Centerville Station, N. Y. Calved October 21, 1899.

Official Butter Record: Dropped calf November 20, 1904, at 5 y. 29 d., of age; commenced record December 5, 1904; closed record December 12; 7 days' production 13.353 lbs. butter fat; milk 413.9 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.



**NO. 3883. DORA CLOTHILDE DE KOL 54948.**

DORA CLOTHILDE DE KOL 3883 A. R. O. In 4 y. 5 m. 28 d., 12.831 lbs. fat.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
		Vikina Clothilde 1994 A. R. O. In 4 y. 1 m. 18 d., 12.264 lbs. fat.		Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
			{	Vikina Netherland Clothilde 22794.
			{	Clothilde 3d's Netherland A. 37944.

Owned by Gardner & Misner, Centerville Station, N. Y. Bred by E. C. Brill, Poughquag, N. Y. Calved June 1, 1900.

Official Butter Record: Dropped calf November 29, 1904, at 4 y. 5 m. 28 d. of age; commenced record December 8, 1904; closed record December 15; 7 days' production 12.831 lbs. butter fat; milk 382.6 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 3884. DE KOL NETTIE WAYNE 70948.**

DE KOL NETTIE WAYNE 3884 A. R. O. In 3 y. 27 d., 10.873 lbs. fat.	{	Sir Erix Boon 22610.	{	Shadeland Bruin 19601.
		Lady Wayne Boon 4102 A. R. O. In 5 y. 3 m. 1 d., 18.346 lbs. fat.		Erix 4th's Shadeland Boon 27042.
			{	Sir Erix Boon 22610.
			{	Princess Wayne of Pleasant Hill 64082.

Owned and bred by W. D. Robens, Cold Brook, N. Y. Calved July 30, 1901.

Official Butter Record: Dropped calf August 27, 1904, at 3 y. 27 d. of age; commenced record December 6, 1904; closed record December 13; 7 days' production 10.873 lbs. butter fat; milk 348.7 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**COMEDIA SOLDENE ARTIS 2970 A. R. O. 53712.**

COMEDIA SOLDENE ARTIS 2970 A. R. O. In 4 y. 1 m. 17 d., 14.675 lbs. fat.	{	Soldene Clothilde Artis 288 A. R.	{	Soldene 2d's Netherland 8519.
		Comedia Lulu 1797 A. R. O. In 4 y. 2 m. 9 d., 13.709 lbs. fat.		Dirkje Von Holingen 3d 1264 A. R. O. In 6 y. 5 m. 28 d., 17.454 lbs. fat.
			{	Count Mechthilde De Kol 242 A. R.
			{	Comedia 2d's Clothilde 36056.

Owned by T. A. Mitchell, Weedsport, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 87.]

Second Official Butter Record: Dropped calf November 19, 1904, at 4 y. 1 m. 17 d. of age; commenced record December 16, 1904; closed record December 23; 7 days' production 14.675 lbs. butter fat; milk 487.4 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 3885. HADRIAN CLARICE 66046.**

HADRIAN CLARICE 3885 A. R. O. In 6 y. 6 d., 14.506 lbs. fat.	{	Prince Hadrian of Elgin 32822.	{	Prince Blith 17700.
				Queen of Elgin 66044.
	{	Maud of Kent 3d 3634 A. R. O. In 8 y. 10 m. 14 d., 12.445 lbs. fat.	{	Aaggie 6th's Royal 16724.
				Maud of Kent 27900.

Owned by W. S. Schell, Woodstock, Ont. Bred by J. & Francis Pirie, Putnam, Ont. Calved November 17, 1898.

Official Butter Record: Dropped calf November 23, 1904, at 6 y. 6 d. of age; commenced record December 17, 1904; closed record December 23; 7 days' production 14.506 lbs. butter fat; milk 421.4 lbs.

Attested by George S. Dobbie, Ontario Agricultural Experiment Station.

**NO. 3886. LADOGA IDALINE 47938.**

✓ LADOGA IDALINE 3886 A. R. O. In 6 y. 7 m. 18 d., 13.662 lbs. fat.	{	Floa 3d's Duke 23079.	{	Floa's Prince 20898.
				Floa 3d 2211 A. R. O. In 10 y. 5 m. 6 d., 12.532 lbs. fat.
	{	Netherland Pietertje Ladoga 29046.	{	Carlotta 3d's Netherland Pietertje 13949.
				Ladoga 7169 H. H. B.

Owned and bred by John M. Howard, Sherburne, N. Y. Calved March 5, 1898.

Official Butter Record: Dropped calf October 23, 1904, at 6 y. 7 m. 18 d. of age; commenced record December 9, 1904; closed record December 16; 7 days' production 13.662 lbs. butter fat; milk 407.8 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**NO. 3887. PIETERTJE MADGE QUEEN 47937.**

PIETERTJE MADGE QUEEN 3887 A. R. O. In 6 y. 6 m. 12 d., 16.039 lbs. fat.	{	Floa 3d's Duke 23079.	{	Floa's Prince 20898.
				Floa 3d 2211 A. R. O. In 10 y. 5 m. 6 d., 12.532 lbs. fat.
	{	Netherland Pietertje Madge 36934.	{	Lilith's Shadeland Boon 2d's King A. 19823. Netherland Pietertje Ladoga 29046.

Owned and bred by John M. Howard, Sherburne, N. Y. Calved May 12, 1898.

Official Butter Record: Dropped calf November 24, 1904, at 6 y. 6 m. 12 d. of age; commenced record December 14, 1904; closed record December 21; 7 days' production 16.039 lbs. butter fat; milk 434.3 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**NO. 3888. FRANSJE MERCEDES DE KOL 66201.**

FRANSJE MERCEDES DE KOL 3888 A. R. O. In 3 y. 2 m. 10 d., 11.855 lbs. fat.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R. Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
	{	Fransje Mercedes 35290.	{	Calphurnia's Mercedes Prince 16526. Fransje Girl 15825.

Owned by John M. Howard, Sherburne, N. Y. Bred by James H. Nichols, Carmel, N. Y. Calved August 29, 1901.

Official Butter Record: Dropped calf November 9, 1904, at 3 y. 2 m. 10 d. of age; commenced record December 13, 1904; closed record December 20; 7 days' production 11.855 lbs. butter fat; milk 403 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**IDALINE PAULINE DE KOL 3182 A. R. O. 57127.**

IDALINE PAULINE DE KOL 3182 A. R. O. In 4 y. 2 m. 26 d., 16.321 lbs. fat.	{	De Kol 2d's Paul De Kol King D. 282 A. R.	{	De Kol 2d's Paul De Kol King 23237. Lady Paul De Kol Wayne 2061 A. R. O. In 4 y. 6 m. 15 d., 11.871 lbs. fat.
	{	Ladoga Idaline 3886 A. R. O. In 6 y. 7 m. 18 d., 13.662 lbs. fat.	{	Floa 3d's Duke 23079. Netherland Pietertje Ladoga 29046.

Owned by John M. Howard, Sherburne, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 214.]

Second Official Butter Record: Dropped calf December 11, 1904, at 4 y. 2 m. 26 d. of age; commenced record December 20, 1904; closed record December 26; 7 days' production 16.321 lbs. butter fat; milk 492.2 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

#### NO. 3889. SHADELAND ZUBA DE KOL 67504.

SHADELAND ZUBA DE KOL 3889 A. R. O. In 2 y. 3 d., 10.157 lbs. fat.	{	De Kol 2d's Paul De Kol	{	De Kol 2d's Paul De Kol
		King D. 282 A. R.		King 23237.
				Lady Paul De Kol Wayne
				2061 A. R. O. In 4 y. 6
				m. 15 d., 11.871 lbs. fat.
		Shadeland Zuba 41836.		Shadeland Boon's Critic
				21585.
				Netherland Pietertje Ladoga
				29046.

Owned and bred by John M. Howard, Sherburne, N. Y. Calved November 30, 1902.

Official Butter Record: Dropped calf December 3, 1904, at 2 y. 3 d. of age; commenced record December 13, 1904; closed record December 19; 7 days' production 10.157 lbs. butter fat; milk 334.8 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

#### CARLOTTA G'S KNOUMIT 3295 A. R. O. 48408.

CARLOTTA G'S KNOU- MIT 3295 A. R. O. In 6 y. 6 m. 27 d., 15.257 lbs. fat.	{	Thorla Duke 23233.	{	Thorla's Pietertje Netherland
				20863.
				Tekstra 2d's Velstra 28926.
		Carlotta G. 32457.		Kornelis V. 8822.
				Carlotta 164 A. R. P. In 7
				y. 9 m. 22 5-64 lbs. butter
				by churn.

Owned by R. P. Kutschbach, Sherburne, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 279.]

Second Official Butter Record: Dropped calf November 7, 1904, at 6 y. 6 m. 27 d. of age; commenced record December 11, 1904; closed record December 18; 7 days' production 15.257 lbs. butter fat; milk 389.8 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**NO. 3890. EULALIE CLOTHILDE 56252.**

EULALIE CLOTHILDE 3890 A. R. O. In 4 y. 3 m. 20 d., 13.471 lbs. fat.	{	Clothilde 4th's Imperial King B. 24803.	{	Clothilde 4th's Imperial King 21584.
			{	Amarilla 2d's Goldie 16233.
		Eulalie Topsy 42047.	{	Wavelet's Columbus 20553.
			{	Eulalie Princess 33900.

Owned and bred by F. S. Wells, South Montrose, Pa. Calved August 17, 1900.

Official Butter Record: Dropped calf December 7, 1904, at 4 y. 3 m. 20 d. of age; commenced record December 20, 1904; closed record December 26; 7 days' production 13.471 lbs. butter fat; milk 424.3 lbs.

Attested by Wade H. Barnes, Pennsylvania Agricultural Experiment Station.

**NO. 3891. VOLISKA PIETERTJE DE KOL PAUL 67959.**

VOLISKA PIETERTJE DE KOL PAUL 3891. In 1 y. 10 m. 5 d., 7.502 lbs. fat.	{	Farmstead Pietertje De Kol Paul 29386.	{	Homestead Pietertje De Kol Paul 26346.
			{	Farmstead Pietertje Burke 56046.
		Voliska Echo Mechthilde 2d 48359.	{	Earl Netherland De Kol 23010.
			{	Voliska Echo Mechthilde 3892 A. R. O. In 8 y. 5 m. 16 d., 12.322 lbs. fat.

Owned and bred by F. S. Wells, South Montrose, Pa. Calved February 1, 1903.

Official Butter Record: Dropped calf December 6, 1904, at 1 y. 10 m. 5 d. of age; commenced record December 20, 1904; closed record December 27; 7 days' production 7.502 lbs. butter fat; milk 225.4 lbs.

Attested by Wade H. Barnes, Pennsylvania Agricultural Experiment Station.

**NO. 3892. VOLISKA ECHO MECHTHILDE 41364.**

VOLISKA ECHO MECH- THILDE 3892 A. R. O. In 8 y. 5 m. 16 d., 12.322 lbs. fat.	{	Sir Echo Mechthilde 21484.	{	Tirania's Sir Mechthilde 16469.
			{	Rhoda Echowayne's Second Colantha 28401.
		Voliska 2d's Edith 28336.	{	Achilles Muller 8984.
			{	Voliska 2d 7258.

Owned by F. S. Wells, South Montrose, Pa. Bred by W. H. Jones & Son, South Montrose, Pa. Calved June 4, 1896.

Official Butter Record: Dropped calf November 20, 1904, at 8 y. 5 m. 16 d. of age; commenced record December 20, 1904; closed record December 26; 7 days' production 12.322 lbs. butter fat; milk 382.5 lbs.

Attested by Wade H. Barnes, Pennsylvania Agricultural Experiment Station.



**NO. 3893. CANARY CALAMITY QUEEN 66420.**

CANARY CALAMITY QUEEN 3893 A. R. O. In 2 y. 1 m. 14 d., 7.710 lbs. fat.	{	Calamity Jane's Paul A. 353 A. R.	{	Calamity Jane's Paul 146 A. R.
		Canary Beauty 2698 A. R. O. In 4 y. 7 m. 29 d., 13.450 lbs. fat.	{	Pauline Fairmount 1408 A. R. O. In 2 y. 1 m., 8.316 lbs. fat.
			{	Sir Netherland Pietertje Mechthilde 22454.
			{	Canary's Starlight 2151 A. R. O. In 4 y. 7 m. 15 d., 17.126 lbs. fat.

Owned and bred by Frank R. Crandal, Howell, Mich. Calved September 28, 1902.

Official Butter Record: Dropped calf November 12, 1904, at 2 y. 1 m. 14 d. of age; commenced record December 29, 1904; closed record January 4; 7 days' production 7.710 lbs. butter fat; milk 236.7 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO 3894. ELZEVERE BARNUM MECHTHILDE 69763.**

ELZEVERE BARNUM MECHTHILDE 3894 A. R. O. In 7 y. 9 d., 15.997 lbs. fat.	{	Sir Barnum Mechthilde 325 A. R.	{	Tirania's Sir Mechthilde 16469.
		Elzevere 2d 24654.	{	Irene Barnum 20401.
			{	Jumbo Boy of Hillbrook 16495.
			{	Elzevere 4125.

Owned by Frank R. Crandal, Howell, Mich. Bred by J. G. Olney, Vernon, Mich.  
Calved December 2, 1897.

Official Butter Record: Dropped calf December 11, 1904, at 7 y. 9 d., of age; commenced record December 28, 1904; closed record January 3, 1905; 7 days' production 15.997 lbs. butter fat; milk 427.1 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3895. ROSE NETHERLAND WAYNE 51721.**

ROSE NETHERLAND WAYNE 3895 A. R. O. In 8 y. 9 m. 26 d., 12.686 lbs. fat.	{	Eudora of Lawnsides's Netherland 21703.	{	Star's Netherland America 16723.
		Rose Decker 2d 32709.	{	Eudora of Lawnsides 2430 H.
			{	Prince Rembrandt 14548.
			{	Rose Decker 24378.

Owned by Frank R. Crandal, Howell, Mich. Bred by John B. Nickle, Hoytville, Mich. Calved February 18, 1896.

Official Butter Record: Dropped calf December 14, 1904, at 8 y. 9 m. 26 d. of age; commenced record December 22, 1904; closed record December 28; 7 days' production 12.686 lbs. butter fat; milk 337.1 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

# **NO. 3896. PONTIAC TIRANIA 56970.**

PONTIAC TIRANIA 3896 A. R. O. In 3 y. 3 m. 19 d., 23.111 lbs. fat 14 d.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Tethys 43354.		Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
			{	Antje Boy 18395.
			{	Bell Ykema 3d 28846.

Owned by W. C. Hunt, Liverpool, N. Y. Bred by Eastern Michigan Asylum, Pontiac, Mich. Calved June 2, 1901.

Official Butter Record: Dropped calf September 21, 1904, at 3 y. 3 m. 19 d. of age; commenced record November 15, 10 a. m., 1904; closed record November 22, 4 a. m.; 7 days' production 11.694 lbs. butter fat; milk 346.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf September 21, 1904, at 3 y. 3 m. 19 d. of age; commenced record November 13, 4 p. m., 1904; closed record November 27, 10 a. m.; 14 days' production 23.111 lbs. butter fat; milk 696.9 lbs.

Attested by Jay C. Hungerford and W. H. Van Dine, Cornell University Agricultural Experiment Station.

# **NO. 3897. PONTIAC BEETS KORNDYKE 61101.**

PONTIAC BEETS KORNDYKE 3897 A. R. O. In 3 y. 28 d., 14.400 lbs. fat.	{	Pontiac Korndyke 177 A. R.	{	Manor Josephine De Kol 204 A. R.
		Pontiac Beets 2120 A. R. O. In 3 y. 5 m. 3 d., 9.659 lbs. fat.		Belle Korndyke 1449 A. R. O. In 10 y. 9 m. 13 d., 20.615 lbs. fat.
			{	Sir Inka Artis Mechthilde 191 A. R.
			{	Netherland Van Friesland's Beets 1229 A. R. O. In 5 y. 6 m., 13.880 lbs. fat.

Owned by W. C. Hunt, Liverpool, N. Y. Bred by Eastern Michigan Asylum, Pontiac, Mich. Calved September 22, 1901.

Official Butter Record: Dropped calf October 20, 1904, at 3 y. 28 d. of age; commenced record November 12, 1904; closed record November 19; 7 days' production 14.400 lbs. butter fat; milk 403.9 lbs.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

**NO. 3898. PONTIAC AESULA 61107.**

<b>PONTIAC AESULA 3898 A.</b> R. O. In 2 y. 6 m. 4 d., 10.317 lbs. fat.	{ Pontiac Korndyke 177 A. R.	{ Manor Josephine De Kol 204 A. R.
		{ Belle Korndyke 1449 A. R. O. In 10 y. 9 m. 13 d., 20,615 lbs. fat.
	{ Bessie De Vries De Kol 2d 1629 A. R. P. In 2 y. 29 d., 7,003 lbs. milk 10 m.	{ Pauline Paul's De Kol 180 A. R.
		{ Bessie De Vries De Kol 39096.

Owned by W. C. Hunt, Liverpool, N. Y. Bred by Eastern Michigan Asylum, Pontiac, Mich. Calved January 4, 1902.

Official Butter Record: Dropped calf July 8, 1904, at 2 y. 6 m. 4 d. of age; commenced record November 13, 1904; closed record November 20; 7 days' production 10.317 lbs. butter fat; milk 305.1 lbs.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

**NO. 3899. MUTUAL WAYNE PAULINE DE KOL 58191.**

<b>MUTUAL WAYNE PAUL- INE DE KOL 3899 A. R.</b> O. In 3 y. 9 m. 10 d., 13.199 lbs. fat.	{ De Kol 2d's Mutual Paul 152 A. R.	{ Mutual Friend 3d's Paul 148 A. R.
		{ De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{ Miss Nicholina 48932.	{ Paul De Kol's Aaggie 188 A. R.
		{ Nicholina 4th 4789.

Owned by W. C. Hunt, Liverpool, N. Y. Bred by George F. Carter, Syracuse, N. Y. Calved December 24, 1900.

Official Butter Record: Dropped calf October 4, 1904, at 3 y. 9 m. 10 d. of age; commenced record November 12, 1904; closed record November 19; 7 days' production of 13.199 lbs. butter fat; milk 402.2 lbs.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

**TWEED HENGERVELD DE KOL 2158 A. R. O. 48903.**

<b>TWEED HENGERVELD DE KOL 2158 A. R. O.</b> In 5 y. 7 m. 7 d., 14,050 lbs. fat.	{ Pietertje Hengerveld's Count De Kol 135 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
		{ Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
	{ Pietertje Tweede 2d 1509 A. R. O. In 1 y. 11 m. 17 d., 9.632 lbs. fat.	{ Inka Princess Pietertje Pledge 140 A. R.
		{ Pietertje Tweede 1295 A. R. O. In 5 y. 9 m. 28 d., 14.747 lbs. fat.

Owned by W. C. Hunt, Liverpool, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 121.]

Second Official Butter Record: Dropped calf November 15, 1904, at 5 y. 7 m. 7 d. of age; commenced record November 23, 1904; closed record November 29; 7 days' production 14.050 lbs. butter fat; milk 433.5 lbs.

Attested by W. H. Van Dine and Jay C. Hungerford, Cornell University Agricultural Experiment Station.

# **NO. 3900. COLOMA DE KOL PIETERTJE 62100.**

COLOMA DE KOL PIETERTJE 3900 A. R. O. In 2 y. 10 m. 27 d., 44.101 lbs. fat 30 d.	{	Netherland De Kol Pietertje 267 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
				Netherland Pietertje Hartog 1181 A. R. O. In 4 y. 1 m. 14 d., 10.972 lbs. fat.
		Coloma Beauty 2d 46838.		Prince Netherland Norine 22616.
				Coloma Beauty 40273.

Owned by W. C. Hunt, Liverpool, N. Y. Bred by Henry A. Cornell, Howell, Mich. Calved December 6, 1901.

Official Butter Record: Dropped calf November 3, 1904, at 2 y. 10 m. 27 d. of age; commenced record November 27, 10 a. m., 1904; closed record December 4, 4 a. m.; 7 days' production 10.613 lbs. butter fat; milk 332.5 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf November 3, 1904, at 2 y. 10 m. 27 d. of age; commenced record November 13, 10 a. m., 1904; closed record December 13, 4 a. m.; 30 days' production 44.101 lbs. butter fat; milk 1,366.8 lbs.

Attested by Jay C. Hungerford and W. H. Van Dine, Cornell University Agricultural Experiment Station.

# **MELVA PARTHENEIA 2782 A. R. O. 50025.**

MELVA PARTHENEIA 2782 A. R. O. In 5 y. 8 m. 13 d., 16.262 lbs. fat.	{	Partheneia's Sir Henry 248 A. R.	{	Sir Henry of Maplewood 2933 H. H. B.
				Partheneia 9597 H. H. B.
		Melva 4th's Netherland 45628.		Tritomia's Mercedes Carl 18447.
				Melva 4th 28885.

Owned by Reddelien Brothers, North Lake, Wis.

[Entry of additional records. For previous records see Vol. XIV, page 217, Vol. XV, page 67.]

Third Official Butter Record: Dropped calf December 14, 1904, at 5 y. 8 m. 13 d. of age; commenced record December 23, 1904; closed record December 30; 7 days' production 16.262 lbs. butter fat; milk 441.1 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**NO. 3901. LUCYRA COLANTHUS 50034.**

LUCYRA COLANTHUS 3901 A. R. O. In 6 y. 2 m., 13.809 lbs. fat.	{	Rigtje's Colanthus 276 A. R.	{	Parthenea's Colanthus 186 A. R.
				Rigtje 1774 D. F. H. B.
	{	Lucyra 1928 A. R. O. In 12 y. 9 m. 24 d., 15.695 lbs. fat.	{	Duke of Portland 1721.
				Torchlight 2d 6457.

Owned by M. F. Peck, Marshall, Wis. Bred by William Everson, Lake Mills,  
Wis. Calved October 2, 1898.

Official Butter Record: Dropped calf December 2, 1904, at 6 y. 2 m. of  
age; commenced record December 15, 1904; closed record December 21; 7 days'  
production 13.809 lbs. butter fat; milk 358.8 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

**NO. 3902. PAULINE PIEBE HOMESTEAD 66780.**

PAULINE PIEBE HOME- STEAD 3902 A. R. O. In 2 y. 18 d., 7.487 lbs. fat.	{	Homestead Jr. De Kol 342 A. R.	{	Paul De Kol Jr. 346 A. R.
				Homestead Heroine De Kol 3698 A. R. O. In 6 y. 1 m. 24 d., 14.693 lbs. fat.
	{	Pauline Piebe De Kol Burke 56943.	{	Piebe De Kol Burke 165 A. R.
				Pauline Whitney 1576 A. R. O. In 8 y. 7 m. 1 d., 14.997 lbs. fat.

Owned and bred by S. B. Jones & Son, Watertown, Wis. Calved November 21,  
1902.

Description: Age, 2 y. 1 m. 3 d.; milk and beef form; head, proportionate,  
symmetrical, fine; neck, medium length, level, fine; chine, straight, broad, open;  
loin and hips, level, fairly strong; rump, high, almost level; escutcheon, large,  
fine; mammary veins, medium size, good length; udder, capacious, flexible,  
quarters even; teats, small, well placed; handling, good; secretions of skin,  
abundant, yellow; general appearance, fine, vigorous; height, shoulders 51 inches,  
hips 52.75; length, body 56, rump 17.75; width, hips 18.75, thurl 17.5; girth 73;  
weight 850 lbs. Est.; examiner, R. Elliot; examined December 24, 1904.

Official Butter Record: Dropped calf December 9, 1904, at 2 y. 18 d. of age;  
commenced record December 16, 1904; closed record December 23; 7 days' pro-  
duction 7.487 lbs. butter fat; milk 231.1 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.



**JESSIE FOBES 5TH 1496 A. R. O. 39948.**

JESSIE FOBES 5th 1496 A.  
R. O. In 9 y. 8 m. 2 d.,  
34.489 lbs. fat 14 d.

Aaltje Salo 3d's Tritomia  
Netherland 121 A. R.

{ Tritomia's Netherland Carl  
143 A. R.

{ Aaltje Salo 3d 7403.

{ Jessie Fobes 19526.

{ Lily of Cedarside's Prince  
7490.

{ Black Cherrie 2d 1555.

Owned by S. B. Jones & Son, Watertown, Wis.

[Entry of additional records. For previous records see Vol X, page 59, Vol. XIV, page 94, Vol. XV, page 129.]

Fourth Official Butter Record: Dropped calf November 15, 1904, at 9 y. 8 m. 2 d. of age; commenced record December 13, 1904; closed record December 19; 7 days' production 17.855 lbs. butter fat; milk 573.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf November 15, 1904, at 9 y. 8 m. 2 d. of age; commenced record December 6, 1904; closed record December 19; 14 days' production 34.489 lbs. butter fat; milk 1,117.9 lbs.

Attested by R. Elliot, Wisconsin Agricultural Experiment Station.

**NO. 3903. PONTIAC COLUMBO 61111.**

PONTIAC COLUMBO 3903  
A. R. O. In 2 y. 5 m. 9  
d., 61.088 lbs. fat 30 d.

{ Hengerveld De Kol 136 A. R.

{ De Kol 2d's Butter Boy 129  
A. R.

{ Magadora 1182 A. R. O. In  
5 y. 1 m. 20 d. 12.605  
lbs. fat.

{ Lady Hesseltje 1868 A. R.  
P. In 4 y. 6 m. 11 d.,  
12,957 lbs. milk 1 y.

{ Calumbo '93 20980.

{ Hesseltje 963 D. F. H. B.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by Eastern Michigan Asylum, Pontiac, Mich. Calved May 27, 1902.

Official Butter Record: Dropped calf November 6, 1904, at 2 y. 5 m. 9 d. of age; commenced record December 5, 11 a. m., 1904; closed record December 12, 5 a. m.; 7 days' production 15.567 lbs. butter fat; milk 444.4 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf November 6, 1904, at 2 y. 5 m. 9 d. of age; commenced record November 19, 1904; closed record December 18; 30 days' production 61.088 lbs. butter fat; milk 1,790.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf November 6, 1904, at 2 y. 5 m. 9 d. of age; commenced record December 5, 1904; closed record December 18; 14 days' production 29.811 lbs. butter fat; milk 863.5 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf November 6, 1904, at 2 y. 5 m. 9 d. of age; commenced record November 28, 1904; closed record December 18; 21 days' production 43.257 lbs. butter fat; milk 1,269.7 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 3904. JEWEL DUCHESS 64474.**

JEWEL DUCHESS 3904 A. R. O. In 2 y. 1 m. 12 d., 56.264 lbs. fat 30 d.	{	Springvale Duchess 2d's Paul 28428.	{	Paul Colantha 225 A. R.
				Springvale Duchess 2d 42170.
	{	Katie Jewel Mercedes 2812 A. R. O. In 5 y. 3 m. 2 d., 17.334 lbs. fat.	{	Florence Jewel's Sir Josephine 24453.
				Katie Mercedes Jettine 53251.

Owned and bred by A. L. Williams, Fond du Lac, Wis. Calved October 6, 1902.

Description: Age, 2 y. 2 m. 20 d.; very good form; head, long, dishing, strong; neck, long, slender; chine, prominent; loin and hips, broad, long, strong; rump, wide, tail head well carried out; escutcheon, wide, running well up; mammary veins, long, tortuous; udder, very good, quarters even; teats, well placed, good size; handling, good; secretions of skin, yellow, abundant; general appearance, good; height, shoulders 52 inches, hips 53; length, body 59, rump 21; width, hips 23, thurl 21; girth 72; weight 875 lbs. Est.; examiner, J. P. Bonzelet; examined December 26, 1904.

Official Butter Record: Dropped calf November 18, 1904, at 2 y. 1 m. 12 d. of age; commenced record December 11, 1904; closed record December 18; 7 days' production 14.145 lbs. butter fat; milk 371.8 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf November 18, 1904, at 2 y. 1 m. 12 d. of age; commenced record November 30, 1904; closed record December 30; 30 days' production 56.264 lbs. butter fat; milk 1,494.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf November 18, 1904, at 2 y. 1 m. 12 d. of age; commenced record December 4, 1904; closed record December 18; 14 days' production 28.020 lbs. butter fat; milk 740.5 lbs.

Attested by John P. Bonzelet; Wisconsin Agricultural Experiment Station.

**MADAM WICKFIELD 3087 A. R. O. 32652.**

MADAM WICKFIELD 3087 A. R. O. In 12 y. 8 m. 6 d., 31.571 lbs. fat 14 d.	{	Owanda's Mercedes Prince 3348.	{	Mercedes Prince 12 A. R.
				Owanda 9569 H.
	{	Agnes Wickfield 2d 4646.	{	Spener 1482.
				Agnes Wickfield 1824.

Owned by A. L. Williams, Fond du Lac, Wis.

[Entry of additional records. For previous records see Vol. XV, page 156.]

Second Official Butter Record: Dropped calf December 16, 1904, at 12 y. 8 m. 6 d. of age; commenced record December 24, 1904; closed record December 31; 7 days' production 16.178 lbs. butter fat; milk 440.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 16, 1904, at 12 y. 8 m. 6 d. of age; commenced record December 22, 1904; closed record January 4, 1905; 14 days' production 31.571 lbs. butter fat; milk 881.8 lbs.

Attested by John P. Bonzelet and Roy T. Harris, Wisconsin Agricultural Experiment Station.

**KATIE JEWEL MERCEDES 2812 A. R. O. 53252.**

KATIE JEWEL MERCEDES 2812 A. R. O. In 5 y. 3 m. 2 d., 17.334 lbs. fat.	{	Florence Jewel's Sir Josephine 24453.	{ Gerben Mechthilde Sir Josephine 170 A. R. Florence Jewel 896 W.
		Katie Mercedes Jettine 53251.	{ Jettine's Echo's Mercedes Prince 258 A. R. Yentje 3d's Daisy 17243.

Owned by A. L. Williams, Fond du Lac, Wis.

[Entry of additional records. For previous records see Vol. XIV, page 236, Vol. XV, page 156.]

Third Official Butter Record: Dropped calf December 19, 1904, at 5 y. 3 m. 2 d. of age; commenced record January 3, 1905; closed record January 10; 7 days' production 17.334 lbs. butter fat; milk 499.1 lbs.

Attested by John P. Bonzelet and Roy T. Harris, Wisconsin Agricultural Experiment Station.

**NO. 3905. NETHERLAND JOHANNA RUE 4TH 72507.**

NETHERLAND JOHANNA RUE 4th 3905 A. R. O. In 2 y. 16 d., 46.616 lbs. fat 30 d.	{	Sir Johanna De Kol 262 A. R.	{ Sir Johanna 23446. Johanna De Kol 2d 1447 A. R. O. In 4 y. 10 m. 11 d., 19.229 lbs. fat.
		Netherland Johanna Rue 1603 A. R. O. In 5 y. 1 m. 10 d., 18.508 lbs. fat.	{ Johanna Rue 2d's Paul De Kol 187 A. R. Netherland Bessie 3453 A. R. O. In 10 y. 9 m. 5 d., 83.897 lbs. fat 30 d.

Owned by A. L. Williams, Fond du Lac, Wis. Bred by C. A. Schroeder, West Bend, Wis. Calved November 7, 1902.

Description: Age, 2 y. 1 m. 19 d.; very good form; head, strong, long, dishing; neck, a little short; chine, quite prominent; loin and hips, broad, strong; rump, good; escutcheon, broad, running well up; mammary veins, a little short; udder, large, of good quality, forequarters cut up a little; teats, evenly placed; handling, good; secretions of skin, moderately abundant; general appearance, good; height, shoulders 51 inches, hips 53; length, body 60, rump 19; width, hips 19.5, thurl 17.5; girth 74; weight 900 lbs. Est.; examiner, J. P. Bonzelet; examined December 26, 1904.

Official Butter Record: Dropped calf November 23, 1904, at 2 y. 16 d. of age; commenced record December 8, 1904; closed record December 15; 7 days' production 11.241 lbs. butter fat; milk 335.7 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf November 23, 1904, at 2 y. 16 d. of age; commenced record December 8, 1904; closed record January 7, 1905; 30 days' production 46.616 lbs. butter fat; milk 1,436.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf November 23, 1904, at 2 y. 16 d. of age; commenced record December 6, 1904; closed record December 20; 14 days' production 22.193 lbs. butter fat; milk 671.9 lbs.

Attested by John P. Bonzelet and Roy T. Harris, Wisconsin Agricultural Experiment Station.

# **NO. 3906. HANNAH MELCHIOR 2d 51293.**

HANNAH MELCHIOR 2d  
3906 A. R. O. In 5 y. 8  
m. 1 d., 13.235 lbs. fat.

{	Joh of Beechwood 23482.	{ Joh Clothilde 21320.
		{ Queen of Beechwood 18835.
{	Hannah Melchior 2406 A. R. O. In 5 y. 8 m. 8 d., 15.147 lbs. fat.	{ Joh Clothilde 21320.
		{ Tena Melchior 19121.

Owned by A. Ziegert, Appleton, Wis. Bred by Henry Walsh, Sheboygan Falls, Wis. Calved April 19, 1899.

Official Butter Record: Dropped calf December 20, 1904, at 5 y. 8 m. 1 d. of age; commenced record January 3, 1905; closed record January 9; 7 days' production 13.235 lbs. butter fat; milk 500 lbs.

Attested by John P. Bonzelet and Roy T. Harris, Wisconsin Agricultural Experiment Station.

# **NO. 3907. QUEEN DE KOL 3D 61482.**

✓ QUEEN DE KOL, 3d 3907  
A. R. O. In 7 y. 6 m. 16  
d., 17.078 lbs. fat.

{	Sir Pietertje Josephine Mechthilde 21412.	{ Empress Josephine 3d's Sir Mechthilde 20255.
		{ Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.
{	Queen De Kol 2335 A. R. O. In 8 y. 10 m. 25 d., 12.951 lbs. fat.	{ De Kol 2d's Netherland 118 A. R.
		{ Woodland Queen 1131 A. R. O. In 7 y. 9 m. 25 d., 12.320 lbs. fat.

Owned by James Rettie, Norwich, Ont. Bred by G. W. Clemons, St. George, Ont. Calved April 30, 1897.

Official Butter Record: Dropped calf November 16, 1904, at 7 y. 6 m. 16 d. of age; commenced record January 6, 1905; closed record January 12; 7 days' production 17.078 lbs. butter fat; milk 435.2 lbs.

Attested by G. S. Dobbie, Ontario Agricultural Experiment Station.

**ANNIE SCHULING 3175 A. R. O. 67991.**

ANNIE SCHULING 3175  
A. R. O. In 4 y. 9 m. 21  
d., 15.599 lbs. fat.

- { Schuling's Consul 260 A. R. { Zymel's Barrington 1841.
- { { Schuling 3350.
- { Bonnie Queen 4th 14900. { Barnton 3237 H.
- { { Bonnie Queen 10278 H.

Owned by James Rettie, Norwich, Ont.

[Entry of additional records. For previous records see Vol. XV, page 208.]

Second Official Butter Record: Dropped calf December 6, 1904, at 4 y. 9 m. 21 d. of age; commenced record January 4, 1905; closed record January 10; 7 days' production 15.599 lbs. butter fat; milk 409.9 lbs.

Attested by G. S. Dobbie, Ontario Agricultural Experiment Station.

**NO. 3908. JEWEL SYLVIA 57835.**

JEWEL SYLVIA 3908 A. R.  
O. In 7 y. 3 m. 26 d.,  
13.725 lbs. fat.

- { Carmen Sylvia Inka Prince 29165. { Inka Kathleen's Son 18685.
- { { Carmen Sylvia 1269 A. R. O.
- { { In 6 y. 5 m. 2 d., 15.460 lbs. fat.
- { Oxford Jewel 23425. { Jewel 3d's Daisy Netherland 11190.
- { { Daisy Texal 3382.

Owned by James Rettie, Norwich, Ont. Bred by C. J. Gilroy, Glen Buell, Ont. Calved September 1, 1897.

Official Butter Record: Dropped calf December 27, 1904, at 7 y. 3 m. 26 d. of age; commenced record January 5, 1905; closed record January 11; 7 days' production 13.725 lbs. butter fat; milk 367.8 lbs.

Attested by G. S. Dobbie, Ontario Agricultural Experiment Station.

**NO. 3909. MAUD DE KOL NETHERLAND 47302.**

MAUD DE KOL NETHER-  
LAND 3909 A. R. O. In  
6 y. 5 m. 23 d., 17.155 lbs.  
fat.

- { Netherland Statesman's Executor 22117. { Netherland Statesman 38 A. R.
- { { Executrix Netherland 903 A. R. P. In 2 y. 3 m. 19 d., 16 1-32 lbs. butter by churn.
- { Maud De Kol 1623 A. R. O. { Count Mechthilde De Kol 242 A. R.
- { In 8 y. 9 m. 9 d., 17.485 lbs. fat. { Nannette of Bloomingdale 29797.

Owned by W. W. Cheney, Manlius, N. Y. Bred by A. A. Cortelyou, Neshanic, N. J. Calved June 10, 1898.



Official Butter Record: Dropped calf December 8, 1904, at 6 y. 5 m. 28 d. of age; commenced record December 22, 1904; closed record December 29; 7 days' production 17.155 lbs. butter fat; milk 513.7 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**RHODA COLANTHA BEAUTY 1624 A. R. O. 44910.**

RHODA COLANTHA BEAUTY 1624 A. R. O. In 6 y. 7 m. 15 d., 15.117 lbs. fat.	{	Netherland Statesman's Executor 22117.	{	Netherland Statesman 38 A. R.
		Rhoda Colantha 2d 4942.		Executrix Netherland 903 A. R. P. In 2 y. 3 m. 19 d., 16 1-32 lbs. butter by churn.
			{	Soldene 2d's Netherland 8519.
			{	Rhoda Colantha 31757.

Owned by W. W. Cheney, Manlius, N. Y.

[Entry of additional records. For previous records see Vol. XI, page 52, Vol. XIV, page 168.]

Third Official Butter Record: Dropped calf October 24, 1904, at 6 y. 7 m. 15 d. of age; commenced record December 20, 1904; closed record December 27; 7 days' production 15.117 lbs. butter fat; milk 431 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**GENIE CLOTHILDE 2600 A. R. O. 48097.**

GENIE CLOTHILDE 2600 A. R. O. In 5 y. 9 m. 6 d., 17.248 lbs. fat.	{	Clothilde Statesman 18964.	{	Clothilde 6th's Statesman 18098.
		Poukapoag Lass 27845.		Netherland Statesman's Clothilde 20557.
			{	Rooker of Pine Grove 3971.
			{	Netherland Star 2665.

Owned by W. W. Cheney, Manlius, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 117, Vol. XV, page 124.]

Third Official Butter Record: Dropped calf November 18, 1904, at 5 y. 9 m. 6 d. of age; commenced record December 24, 1904; closed record December 30; 7 days' production 17.248 lbs. butter fat; milk 523.9 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 3910. PAULINE PAUL 2D'S QUEEN 49149.**

<b>PAULINE PAUL 2d's QUEEN 3910 A. R. O.</b> In 5 y. 11 m. 24 d., 13.363 lbs. fat.	{	Count Paul De Kol 324 A. R.	{	Paul De Kol 97 A. R.
				De Kol 2d's Queen 662 A. R. P. In 3 y., 28 lbs. 7 oz. butter by churn.
	{	Pauline Paul 2d 31477.	{	De Kol 2d's Netherland 118 A. R.
			{	Pauline Paul 852 A. R. P. In 8 y. 1,153 lbs. 15.8 oz. butter by churn 365 d.

Owned by W. W. Cheney, Manlius, N. Y. Bred by James A. Graham, Paterson, N. J. Calved December 15, 1898.

Official Butter Record: Dropped calf December 9, 1904, at 5 y. 11 m. 24 d. of age; commenced record December 21, 1904; closed record December 27; 7 days' production 13.363 lbs. butter fat; milk 348.7 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**HOMESTEAD GIRL DE KOL 1904 A. R. O. 48423.**

<b>HOMESTEAD GIRL DE KOL 1904 A. R. O.</b> In 5 y. 10 m. 13 d., 21.037 lbs. fat.	{	De Kol 2d's Paul De Kol 107 A. R.	{	Paul De Kol 97 A. R.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Homestead Girl 1653 A. R. O. In 11 y. 5 m. 13 d., 12.529 lbs. fat.	{	Sir Henry Beatus 3337.
			{	Napoli 7159.

Owned by H. D. Roe, Augusta, N. J.

[Entry of additional records. For previous records see Vol. XII, page 116, Vol. XIII, page 238, Vol. XIV, page 235.]

Fourth Official Butter Record: Dropped calf November 20, 1904, at 5 y. 10 m. 13 d. of age; commenced record December 8, 1904; closed record December 15; 7 days' production 21.037 lbs. butter fat; milk 533.6 lbs.

Food Consumed: 17 lbs. mixed feed, consisting of 200 lbs. bran, 200 lbs. hominy, 100 lbs. oil meal, 100 lbs. Ajax flakes and 100 lbs. Chicago gluten, 4 lbs. oil meal, 4 lbs. Ajax, 1 lb. hominy, 30 lbs. turnips, and all the silage and hay she would eat daily.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**AAGGIE CORNUCOPIA 2D'S DE KOL 2D 3102 A. R. O. 60718.**

AAGGIE CORNUCOPIA 2d's DE KOL, 2d 3102 A. R. O. In 3 y. 4 m. 23 d., 12.810 lbs. fat.	{	Pauline Paul 2d's Count 190 A. R.	{	Count Paul De Kol 324 A. R.
			{	Pauline Paul 2d 31477.
	{	Aaggie Cornucopia 2d's De Kol 49986.	{	De Kol 2d's Paul De Kol 107 A. R.
			{	Aaggie Cornucopia 2d 1173 A. R. O. In 6 y. 2 m. 18 d., 15.830 lbs. fat.

Owned by H. D. Roe, Augusta, N. J.

[Entry of additional records. For previous records see Vol. XV, page 166.]

Second Official Butter Record: Dropped calf December 7, 1904, at 3 y. 4 m. 23 d. of age; commenced record December 19, 1904; closed record December 26; 7 days' production 12.810 lbs. butter fat; milk 368.1 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**ARMYN'S AN 5TH 3104 A. R. O. 50399.**

✓ ARMYN'S AN 5th 3104 A. R. O. In 5 y. 13 d., 17.316 lbs. fat.	{	De Kol 2d's Paul De Kol 107 A. R.	{	Paul De Kol 97 A. R.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Army'n's An 29782.	{	Henry Kappijne 2971.
			{	Army'n 5094 H.

Owned by H. D. Roe, Augusta, N. J.

[Entry of additional records. For previous records see Vol. XV, page 167.]

Second Official Butter Record: Dropped calf December 7, 1904, at 5 y. 13 d. of age; commenced record December 21, 1904; closed record December 28; 7 days' production 17.316 lbs. butter fat; milk 499.3 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**BROOKSIDE DE KOL PAULINE 2597 A. R. O. 48425.**

✓ BROOKSIDE DE KOL PAULINE 2597 A. R. O. In 4 y. 7 m. 27 d., 67.420 lbs. fat 30 d.	{	De Kol 2d's Paul De Kol 107 A. R.	{	Paul De Kol 97 A. R.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	May Hartog of Brookside 1174 A. R. O. In 3 y. 4 m. 23 d., 14.609 lbs. fat.	{	Kate H's Hartog 14881.
			{	May Hartog 9702.

Owned by H. D. Roe, Augusta, N. J.

[Entry of additional records. For previous records see Vol. XIV, page 115, Vol. XV, page 151.]

Fourth Official Butter Record: Dropped calf December 10, 1904, at 5 y. 9 m. 22 d. of age; commenced record December 24, 1904; closed record December 31; 7 days' production 16.737 lbs. butter fat; milk 495.9 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

### HOMESTEAD BOON DE KOL 3327 A. R. O. 56835.

HOMESTEAD BOON DE KOL 3327 A. R. O. In 4 y. 15 d., 16.491 lbs. fat.	{	Pauline Paul 2d's Count 190 A. R.	{	Count Paul De Kol 324 A. R.
			{	Pauline Paul 2d 31477.
	{	Homestead Girl's Shadeland Boon 1373 A. R. O. In 2 y. 1 d., 7.934 lbs. fat.	{	Shadeland Boon 2d's Prince 102 A. R.
			{	Homestead Girl 1653 A. R. O. In 11 y. 5 m. 13 d., 12.529 lbs. fat.

Owned by H. D. Roe, Augusta, N. J.

[Entry of additional records. For previous records see Vol. XV, page 295.]

Second Official Butter Record: Dropped calf December 20, 1904, at 4 y. 15 d. of age; commenced record December 28, 1904; closed record January 4, 1905; 7 days' production 16.491 lbs. butter fat; milk 404.3 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

### HARTOG QUEEN DE KOL 3103 A. R. O. 60720.

HARTOG QUEEN DE KOL 3103 A. R. O. In 3 y. 5 m. 8 d., 11.307 lbs. fat.	{	De Kol Netherland Clothilde 25540.	{	Clothilde 5th's Netherland 18105.
			{	De Kol 2d's Queen 662 A. R. P. In 3 y., 28 lbs. 7 oz. butter by churn.
	{	Brookside De Kol Pauline 2597 A. R. O. In 4 y. 7 m. 27 d., 67.420 lbs. fat 30 d.	{	De Kol 2d's Paul De Kol 107 A. R.
			{	May Hartog of Brookside 1174 A. R. O. In 3 y. 4 m. 23 d., 14.609 lbs. fat.

Owned by H. D. Roe, Augusta, N. J.

[Entry of additional records. For previous records see Vol. XV, page 167.]

Second Official Butter Record: Dropped calf December 20, 1904, at 3 y. 5 m. 8 d. of age; commenced record December 31, 1904; closed record January 7, 1905; 7 days' production 11.307 lbs. butter fat; milk 359.9 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**NO. 3911. JARIE PAULINE DE KOL 3D 65548.**

JARIE PAULINE DE KOL 3d 3911 A. R. O. In 2 y. 29 d., 19.654 lbs. fat 14 d.	Johanna Aaggie's Sarcastic Lad 26935.	Sarcastic Lad 194 A. R.
		Johanna Aaggie 1255 A. R. O. In 4 y. 5 m. 9 d., 18.288 lbs. fat.
	Jarie Pauline De Kol 1419 A. R. O. In 7 y. 4 m. 16 d., 79.043 lbs. fat 30 d.	De Kol 2d's Paul De Kol 107 A. R. Jarie 14323.

Owned and bred by H. D. Roe, Augusta, N. J. Calved October 28, 1902.

Official Butter Record: Dropped calf November 27, 1904, at 2 y. 29 d. of age; commenced record December 19, 1904; closed record December 26; 7 days' production 10.158 lbs. butter fat; milk 300.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf November 27, 1904, at 2 y. 29 d. of age; commenced record December 13, 1904; closed record December 27; 14 days' production 19.654 lbs. butter fat; milk 583.1 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**JOHANNA CLYDE 3138 A. R. O. 60989.**

JOHANNA CLYDE 3138 A. R. O. In 2 y. 11 m. 29 d., 13.571 lbs. fat.	Paul Clyde 219 A. R.	Paul De Kol 97 A. R.
		Kitty Clyde 2d's Coral 1440 A. R. O. In 6 y. 4 m. 19 d., 19.504 lbs. fat.
	Johanna Aaggie 3d 2332 A. R. O. In 2 y. 8 m. 6 d., 13.458 lbs. fat.	Sarcastic Lad 194 A. R. Johanna Aaggie 1255 A. R. O. In 4 y. 5 m. 9 d., 18.288 lbs. fat.

Owned by Gillett & Son, Rosendale, Wis.

[Entry of additional records. For previous records see Vol. XV, page 185.]

Second Official Butter Record: Dropped calf December 12, 1904, at 2 y. 11 m. 29 d. of age; commenced record January 1, 1905; closed record January 8; 7 days' production 13.571 lbs. butter fat; milk 358.3 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

**COLANTHA 4TH'S LASS 3140 A. R. O. 60984.**

COLANTHA 4th's LASS 3140 A. R. O. In 3 y. 1 m. 12 d., 14.279 lbs. fat.	Sarcastic Lad 194 A. R.	Maurice Bonheur 22394.
		Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
	Colantha 4th 1206 A. R. O. In 6 y. 8 m. 5 d., 19.592 lbs. fat.	Aaggie Cornelia 5th's Clo- thilde Imperial 103 A. R. Colantha 6714 H.

Owned by Gillett & Son, Rosendale, Wis.



[Entry of additional records. For previous records see Vol. XV, page 186.]

Second Official Butter Record: Dropped calf December 15, 1904, at 3 y. 1 m. 12 d. of age; commenced record January 1, 1904; closed record January 8; 7 days' production 14.279 lbs. butter fat; milk 422.1 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

**NO. 3912. JOHANNA CORAL 60990.**

✓ JOHANNA CORAL 3912 A. R. O. In 3 y. 5 d., 11.865 lbs. fat.	{	Paul Clyde 219 A. R.	{	Paul De Kol 97 A. R.
		Johanna de Pauline 3d 2234 A. R. O. In 4 y. 6 m. 11 d., 13.784 lbs. fat.	{	Kittie Clyde 2d's Coral 1440 A. R. O. In 6 y. 4 m. 19 d., 19.504 lbs. fat.
			{	Sarcastic Lad 194 A. R.
			{	Johanna de Pauline 1446 A. R. O. In 5 y. 3 m. 25 d., 16.758 lbs. fat.

Owned and bred by Gillett & Son, Rosendale, Wis. Calved December 8, 1901.

Official Butter Record: Dropped calf December 23, 1904, at 3 y. 5 d. of age; commenced record January 1, 1905; closed record January 8; 7 days' production 11.865 lbs. butter fat; milk 331.8 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

**NO. 3913. DE KOL HAT BARNUM MECHTHILDE 73885.**

DE KOL HAT BARNUM MECHTHILDE 3913 A. R. O. In 3 y. 2 m. 8 d., 10.355 lbs. fat.	{	Elzevere Sir Mechthilde 25544.	{	Sir Barnum Mechthilde 325 A. R.
		De Kol Hat A. 38371.	{	Elzevere 4125.
			{	De Kol 2d's Netherland's Vernon 17062.
			{	Hat 10186.

Owned and bred by J. Fred Smith, Byron, Mich. Calved August 10, 1901.

Official Butter Record: Dropped calf October 18, 1904, at 3 y. 2 m. 8 d. of age; commenced record December 28, 1904; closed record January 3, 1905; 7 days' production 10.355 lbs. butter fat; milk 304.5 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3914. MAY DE LAAG MECHTHILDE 63804.**

MAY DE LAAG MECH- THILDE 3914 A. R. O. In 1 y. 10 m. 8 d., 8.661 lbs. fat.	{	Sir Josephine Siemke Mechthilde 25853.	{	Empress Josephine's Sir Mechthilde 22646.
		May De Laag's Mahomet 45300.	{	Siemke 3d's Mechthilde's Beauty 964 W.
			{	Mahomet of Kero 9 W.
			{	May de Laag 17351.

Owned by H. B. Cowles, Topeka, Kan. Bred by H. N. Holdeman, Girard, Kan.  
Calved July 12, 1902.

Official Butter Record: Dropped calf May 20, 1904, at 1 y. 10 m. 8 d. of age;  
commenced record January 7, 1905; closed record January 13; 7 days' production  
8.661 lbs. butter fat; milk 223 lbs.

Attested by B. C. Copeland, Kansas Agricultural Experiment Station.

#### NO. 3915. WYNTJE PRIDE 63797.

WYNTJE PRIDE 3915 A. R. O. In 2 y. 4 m. 25 d., 7.882 lbs. fat.	{	Leo Jim 31753.	{ Leo Schwab 24156.
			{ Alpen Rose's Cora 251 W.
	{	Wyntje K. 3d's Pride 63795.	{ Johnnie 8578.
			{ Wyntje K. 3d 8737.

Owned by H. B. Cowles, Topeka, Kan. Bred by Estate of John Schwab, Cherokee, Kan. Calved July 12, 1902.

Official Butter Record: Dropped calf December 7, 1904, at 2 y. 4 m. 25 d. of age; commenced record January 7, 1905; closed record January 13; 7 days' production 7.882 lbs. butter fat; milk 255.8 lbs.

Attested by B. C. Copeland, Kansas Agricultural Experiment Station.

#### NO. 3916. DAISY PIETERTJE DE KOL MERCEDES 67415.

DAISY PIETERTJE DE KOL MERCEDES 3916 A. R. O. In 1 y. 10 m. 20 d., 10.714 lbs. fat.	{	Sir Johanna Friend Clothilde 196 A. R.	{ Sarcastic Lad 194 A. R.
			{ Johanna Friend 45164.
	{	Daisy Mercedes Pietertje 2d 2210 A. R. O. In 5 y. 13 d., 17.430 lbs. fat.	{ De Kol 2d's Paul De Kol No. 2 154 A. R.
			{ Daisy Mercedes Pietertje 46888.

Owned by M. H. Gardner, Darien, Wis. Calved January 20, 1903.

Description: Age, 1 y. 11 m. 26 d.; milk and beef form; head, proportionate, very symmetrical; neck, fine, trifle short, slightly drooping; chine, slightly swayed, close vertebræ; loin and hips, strong, slightly rounded; rump, high, trifle uneven; escutcheon, fair size, superior quality; mammary veins, long, very large; udder, capacious, very flexible, forequarters slightly deficient; teats, good size, good shape; handling, very good; secretions of skin, very slight; general appearance, vigorous, fine, symmetrical; height, shoulders 51.5 inches, hips 52.5; length, body 58, rump 21; width, hips 21, thurl 17.5; girth 72.5; examiner, A. J. Meyer; examined January 16, 1905.

Official Butter Record: Dropped calf December 10, 1904, at 1 y. 10 m. 20 d. of age; commenced record December 30, 1904; closed record January 5; 7 days' production 10.714 lbs. butter fat; milk 339.6 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

**NO. 3917. SKYLARK M. DE KOL 2D 67414.**

SKYLARK M. DE KOL 2d 3917 A. R. O. In 1 y. 11 m. 24 d., 10.554 lbs. fat.	{	Sir Johanna Friend Clothilde 196 A. R.	{	Sarcastic Lad 194 A. R. Johanna Friend 45164.
		Skylark M. De Kol 3097 A. R. O. In 2 y. 10 m. 21 d., 13.632 lbs. fat.		De Kol 2d's Paul De Kol No. 2 154 A. R. Skylark Mercedes 1831 A. R. O. In 9 y. 9 m. 23 d., 14.890 lbs. fat.

Owned and bred by M. H. Gardner, Darien, Wis. Calved January 5, 1903.

Description: Age, 2 y. 11 d.; milk and beef form; head, fairly proportionate, trifle narrow; neck, medium size, medium length; chine, slightly uneven, narrow, fairly open vertebræ; loin and hips, strong, slightly rounded; rump, high, uneven; escutcheon, moderately large, good quality; mammary veins, good length, very large; udder, fairly capacious, moderately flexible, quarters trifle uneven; teats, too small behind; handling, rather heavy; secretions of skin, slight; general appearance, fairly vigorous, moderately symmetrical; height, shoulders 53 inches, hips 52; length, body 61, rump 19.5; width, hips 20.5, thurl 17.5; girth 74; examiner, A. J. Meyer; examined January 16, 1905.

Official Butter Record: Dropped calf December 29, 1904, at 1 y. 11 m. 24 d. of age; commenced record January 8, 1905; closed record January 15; 7 days' production 10.554 lbs. butter fat; milk 343.4 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

**NO. 3918. DAISY PIETERTJE DE KOL JOHANNA 67411.**

DAISY PIETERTJE DE KOL JOHANNA 3918 A. R. O. In 2 y. 7 d., 11.110 lbs. fat.	{	Sir Johanna Friend Clothilde 196 A. R.	{	Sarcastic Lad 194 A. R. Johanna Friend 45164.
		Daisy Mercedes Pietertje 3d 3168 A. R. O. In 3 y. 1 m. 8 d., 11.525 lbs. fat.		De Kol 2d's Paul De Kol No. 2 154 A. R. Daisy Mercedes Pietertje 46888.

Owned and bred by M. H. Gardner, Darien, Wis. Calved December 18, 1902.

Description: Age, 2 y. 28 d.; milk and beef form; head, trifle too small, fine, symmetrical; neck, short, trifle thick; chine, slightly swayed, broad, close vertebræ; loin and hips, very strong, level; rump, high, slightly uneven; escutcheon, large, very good quality; mammary veins, fairly long, very large; udder, fairly capacious, flexible, forequarters trifle deficient; teats, trifle small; handling, very good; secretions of skin, fairly abundant, yellow; general appearance, vigorous, fairly symmetrical; height, shoulders 52 inches, hips 52.5; length, body 61, rump 20.5; width, hips 21.5, thurl 17; girth 72; examiner, A. J. Meyer; examined January 16, 1905.

Official Butter Record: Dropped calf December 25, 1904, at 2 y. 7 d. of age; commenced record January 6, 1904; closed record January 12; 7 days' production 11.110 lbs. butter fat; milk 343.1 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

#### NO. 3919. DAISY B. M. JOHANNA 67410.



DAISY B. M. JOHANNA  
3919 A. R. O. In 1 y. 9  
m. 29 d., 10.733 lbs. fat.

Sir Johanna Friend Clothilde  
196 A. R.

{ Sarcastic Lad 194 A. R.  
Johanna Friend 45164.

Daisy B. Mercedes 1957 A.  
R. O. In 11 y. 6 m. 24 d.,  
12.822 lbs. fat.

{ Tietje 2d's Mercedes Prince  
5542.  
Daisy C. 10728.

Owned and bred by M. H. Gardner, Darien, Wis. Calved February 12, 1903.

Description: Age, 1 y. 11 m. 4 d.; milk form; head, proportionate, rather symmetrical; neck, fine, moderate length, slightly drooping; chine, slightly uneven, open veterbræ; loin and hips, fairly strong, slightly rounded; rump, high, trifle uneven; escutcheon, good size, excellent quality; mammary veins, very long, good size; udder, fairly capacious, flexible, quarters fairly even; teats, good; handling, superior; secretions of skin, lacking; general appearance, fairly vigorous, very fine; height, shoulders 53 inches, hips 54; length, body 58, rump 19.5; width, hips 20, thurl 17.5; girth 73; examiner, A. J. Meyer; examined January 16, 1905.

Official Butter Record: Dropped calf December 11, 1904, at 1 y. 9 m. 29 d. of age; commenced record December 30, 1904; closed record January 5; 7 days' production 10.733 lbs. butter fat; milk 321.6 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

#### NO. 3920. LADY GRACE DE KOL JOHANNA 67412.

LADY GRACE DE KOL  
JOHANNA 3920 A. R. O.  
In 1 y. 11 m. 16 d., 10.623  
lbs. fat.

Sir Johanna Friend Clothilde  
196 A. R.

{ Sarcastic Lad 194 A. R.  
Johanna Friend 45164.

Lady Grace De Kol 3921 A.  
R. O. In 4 y. 3 d., 12.490  
lbs. fat.

{ De Kol 2d's Paul De Kol  
No. 2 154 A. R.  
Lady Flossy's Grace 2d 1425  
A. R. O. In 7 y. 2 m. 27  
d., 15.905 lbs. fat.

Owned and bred by M. H. Gardner, Darien, Wis. Calved December 30, 1902.

Description: Age, 2 y. 16 d.; milk and beef form; head, proportionate, symmetrical; neck, fine, proportionate, slightly drooping; chine, slightly uneven, rather close vertebrae; loin and hips, strong, trifle rounded; rump, high, nearly even; escutcheon, moderate size, good quality; mammary veins, long, fairly large; udder, fairly capacious, very flexible, quarters nearly even; handling, trifle heavy; secretions of skin, nearly absent; general appearance, vigorous, fine, symmetrical; height, shoulders 50 inches, hips 51; length, body 58.5, rump 17; width, hips 20, thurl 17; girth 71.5; examiner, A. J. Meyer; examined January 16, 1905.

Official Butter Record: Dropped calf December 16, 1904, at 1 y. 11 m. 16 d. of age; commenced record December 30, 1904; closed record January 6, 1905; 7 days' production 10.623 lbs. butter fat; milk 335.5 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

**DAISY A. MERCEDES 5TH 3093 A. R. O. 53642.**

DAISY A. MERCEDES 5th 3093 A. R. O. In 5 y. 1 m. 24 d., 15.282 lbs. fat.	{	De Kol 2d's Paul De Kol No. 2 154 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				May Hartog of Brookside 1174 A. R. O. In 3 y. 4 m. 23 d., 14.609 lbs. fat.
	{	Daisy A. Mercedes 1423 A. R. O. In 11 y. 7 m. 10 d., 13.491 lbs. fat.	{	Tietje 2d's Mercedes Prince 5542.
				Daisy G. 10728.

Owned by M. H. Gardner, Darien, Wis.

[Entry of additional records. For previous records see Vol. XV, page 159.]

Description: Age, 5 y. 2 m. 18 d.; milk and beef form; head, proportionate, trifle short; neck, medium length, slightly drooping; chine, slightly swayed, open vertebræ; loin and hips, moderately strong, level; rump, high, slightly uneven; escutcheon, good size, fair quality; mammary veins, very large, crooked; udder, capacious, flexible, forequarters slightly deficient; teats, trifle short; handling, trifle hard; secretions of skin, not abundant; general appearance, vigorous, fairly symmetrical, good style; height, shoulders 54.5 inches, hips 55; length, body 63.5, rump 21; width, hips 22, thurl 18; girth 78.5; examiner, A. J. Meyer; examined January 16, 1905.

Second Official Butter Record: Dropped calf December 22, 1904, at 5 y. 1 m. 24 d. of age; commenced record January 1, 1904; closed record January 8; 7 days' production 15.282 lbs. butter fat; milk 419.2 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

**NO. 3921. LADY GRACE DE KOL 57765.**

LADY GRACE DE KOL 3921 A. R. O. In 4 y. 3 d., 12.490 lbs. fat.	{	De Kol 2d's Paul De Kol No. 2 154 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				May Hartog of Brookside 1174 A. R. O. In 3 y. 4 m. 23 d., 14.609 lbs. fat.
	{	Lady Flossy's Grace 2d 1425 A. R. O. In 7 y. 2 m. 27 d., 15.905 lbs. fat.	{	Jeltje S.' Netherland's Pietertje 156 A. R.
				Lady Flossy's Grace 22552.

Owned and bred by M. H. Gardner, Darien, Wis. Calved December 30, 1902.

Official Butter Record: Dropped calf November 23, 1904, at 4 y. 3 d. of age; commenced record January 1, 1905; closed record January 7; 7 days' production 12.490 lbs. butter fat; milk 372.5 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.



**NO. 3922. SKYLARK MERCEDES DE KOL JOHANNA 67413.**

<b>SKYLARK MERCEDES DE KOL JOHANNA 3922 A. R. O.</b> In 1 y. 11 m. 25 d., 25.449 lbs. fat 15 d.	{	Sir Johanna Friend Clothilde 196 A. R.	{ Sarcastic Lad 194 A. R.
			Johanna Friend 45164.
	{	Skylark Mercedes De Kol 2183 A. R. O. In 4 y. 1 m. 18 d., 18.135 lbs. fat.	{ De Kol 2d's Paul De Kol No. 2 154 A. R.
			Skylark Mercedes 1831 A. R. O. In 9 y. 9 m. 23 d., 14.890 lbs. fat.

Owned and bred by M. H. Gardner, Darien, Wis. Calved December 19, 1902.

Description: Age, 2 y. 27 d.; milk and beef form; head, proportionate, fine, symmetrical; neck, medium size, slightly drooping; chine, slightly swayed, fairly broad, close vertebræ; loin and hips, very strong, slightly rounded; rump, high, level; escutcheon, fair size, superior quality; mammary veins, good length, very large; udder, capacious, very flexible, forequarters slightly deficient; handling, trifle hard; secretions of skin, not abundant; general appearance, vigorous, very fine, symmetrical; height, shoulders 52.5 inches, hips 51.5; length, body 60.5, rump 20.5; width, hips 21.5, thurl 18; girth 74.5; examiner, A. J. Meyer; examined January 16, 1905.

Official Butter Record: Dropped calf December 14, 1904, at 1 y. 11 m. 25 d. of age; commenced record January 3, 7 p. m., 1905; closed record January 10, 1 p. m.; 7 days' production 12.320 lbs. butter fat; milk 335.2 lbs.

Official Butter Record: Fifteen consecutive days. Dropped calf December 14, 1904 at 1 y. 11 m. 25 d. of age; commenced record December 30, 1904; closed record January 13, 1905; 15 days' production 25.449 lbs. butter fat; milk 725.7 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

**MERCEDES KIATTA ANTJE 2708 A. R. O. 61553.**

<b>MERCEDES KIATTA ANTJE 2708 A. R. O.</b> In 5 y. 1 m. 3 d., 17.913 lbs. fat.	{	R. B. Mercedes 230 A. R.	{ Antje Vriend's Mercedes Prince 88 A. R.
			Rowena B. 1075 A. R. P. In 8 y. 11 m. 10 d., 24 lbs. 8 oz. butter by churn.
	{	Kiatta 1310 D. F.	

Owned by O. J. Godfrey, Pennellville, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 176, Vol. XV, page 204.]

Third Official Butter Record: Dropped calf December 12, 1904, at 6 y. 18 d. of age; commenced record December 26, 11.15 p. m., 1904; closed record January 2, 5.15 p. m., 1905; 7 days' production 16.331 lbs. butter fat; milk 470.1 lbs.

Attested by G. Wendell Bush, Cornell University Agricultural Experiment Station.

**VADORA MERCEDES 2707 A. R. O. 61558.**

VADORA MERCEDES 2707 A. R. O. In 6 y. 6 m. 26 d., 15.755 lbs. fat.	{	R. B. Mercedes 230 A. R.	{	Antje Vriend's Mercedes Prince 88 A. R.
		Dichter 2d's Vadora 42803.	{	Rowena B. 1075 A. R. P. In 8 y. 11 m. 10 d., 24 lbs. 8 oz. butter by churn.
			{	Cuza's Pietertje Prince 289 A. R.
			{	Dichter 2d 29774.

Owned by O. J. Godfrey, Pennellville, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 175, Vol. XV, page 204.]

Third Official Butter Record: Dropped calf November 26, 1904, at 6 y. 6 m. 26 d. of age; commenced record December 27, 11.15 a. m., 1904; closed record January 3, 5.15 a. m., 1905; 7 days' production 15.755 lbs. butter fat; milk 487 lbs.

Attested by G. Wendell Bush, Cornell University Agricultural Experiment Station.

**LADY MERCEDES MELANIE 2709 A. R. O. 61555.**

LADY MERCEDES ME- LANIE 2709 A. R. O. In 5 y. 10 m. 1 d., 14.000 lbs. fat.	{	R. B. Mercedes 230 A. R.	{	Antje Vriend's Mercedes Prince 88 A. R.
		Melanie 2d 19543.	{	Rowena B. 1075 A. R. P. In 8 y. 11 m. 10 d., 24 lbs. 8 oz. butter by churn.
			{	Bonny Lass 2d's Royal Aaggie 30666.
			{	Melanie 8071 H.

Owned by O. J. Godfrey, Pennellville, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 176, Vol. XV, page 203.]

Third Official Butter Record: Dropped calf December 12, 1904, at 5 y. 10 m. 1 d. of age; commenced record December 26, 11.15 p. m., 1904; closed record January 2, 5.15 p. m., 1905; 7 days' production 14.000 lbs. butter fat; milk 359.7 lbs.

Attested by G. Wendell Bush, Cornell University Agricultural Experiment Station.

**NO. 3923. ALMA MAXIE NETHERLAND 66417.**

ALMA MAXIE NETHER- LAND 3923 A. R. O. In 2 y. 11 d., 9.747 lbs. fat.	{	Netherland Mechthilde Chief 27971.	{	Mechthilde Josephine Chief 175 A. R.
		Alma Marie 3d 3204 A. R. O. In 7 y. 9 m. 26 d., 15.209 lbs. fat.	{	Netherland Pearl Artis 41416.
			{	Netherland Von Harlingen 22799.
			{	Alma Marie 39628.

Owned and bred by University of Wisconsin, Madison, Wis. Calved December 14, 1902.

Description: Age, 2 y. 1 m. 2 d.; milk form; head, long, muzzle fair; neck, long, clean cut; chine, single, straight; loin, a little narrow, weak; hips, not level; rump, sloping; escutcheon, well marked; mammary veins, well defined; udder, well forward, fair quality, quarters fairly well balanced; teats, large, well placed; handling, good; secretions of skin, medium in color and quantity; general appearance, good; height, shoulders 40 inches, hips 41; length, body 42, rump 18; width, hips 19, thurl 18; girth 72; weight, 972 lbs.; examiner, B. R. Ryall; examined January 16, 1905.

Official Butter Record: Dropped calf December 25, 1904, at 2 y. 11 d. of age; commenced record January 7, 1905; closed record January 14; 7 days' production 9.747 lbs. butter fat; milk 296.2 lbs.

Attested by Bryant R. Ryall, Illinois Agricultural Experiment Station.

#### NO. 3924. BUTTER BOY BUTTERCUP DE KOL 48067.

BUTTER BOY BUTTER- CUP DE KOL 3924 A. R. O. In 6 y. 4 m. 29 d., 13.754 lbs. fat.	{	De Kol 2d's Butter Boy 129	{ Sir Abbekerk 19056.
		A. R.	{ De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Manor Maggie 3481 A. R. O.	{ Manor De Kol 130 A. R.
		In 7 y. 10 m. 12 d., 13.164 lbs. fat.	{ Manor Maud 39130.

Owned by H. C. Swartout, Hartwick Seminary, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved June 20, 1898.

Official Butter Record: Dropped calf November 19, 1904, at 6 y. 4 m. 29 d. of age; commenced record December 7, 1904; closed record December 14; 7 days' production 13.754 lbs. butter fat; milk 504 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

#### NO. 3925. DAISY BURKE DE KOL 43361.

DAISY BURKE DE KOL 3925 A. R. O. In 8 y. 5 m. 28 d., 15.261 lbs. fat.	{	Nellie Burke 2d's De Kol	{ De Kol 2d's Netherland 118
		23596.	{ A. R.
	{	Wielinga 2d's Netherland	{ Nellie Burke 2d 5746.
		Daisy 43240.	{ Netherland Statesman's Hero 9452.
			{ Wielinga 2d 1788 D. F.

Owned by H. C. Swartout, Hartwick Seminary, N. Y. Bred by S. A. Spalding, Lowville, N. Y. Calved May 13, 1896.

Official Butter Record: Dropped calf November 11, 1904, at 8 y. 5 m. 28 d. of age; commenced record December 8, 11 p. m., 1904; closed record December 15, 5 p. m.; 7 days' production 15.261 lbs. butter fat; milk 423 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

**NO. 3926. PAUL BEETS CLOTHILDE ARTIS TOPSY 63639.**

PAUL BEETS CLOTHILDE ARTIS TOPSY 3926 A. R. O. In 2 y. 7 m. 9 d., 12.120 lbs. fat.	{	Paul Beets De Kol 113 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
		Clothilde Artis Topsy 1241 A. R. O. In 7 y. 1 m., 18.607 lbs. fat.	{	Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
			{	Artis Adiantum's Clothilde 116 A. R.
			{	Aaggie Grace's Boy's Topsy 1280 A. R. O. In 8 y. 13 d., 13.880 lbs. fat.

Owned by H. C. Swartout, Hartwick Seminary, N. Y. Bred by Don J. Wood, West Exeter, N. Y. Calved April 10, 1902.

Official Butter Record: Dropped calf November 19, 1904, at 2 y. 7 m. 9 d. of age; commenced record December 8, 11 p. m., 1904; closed record December 15, 5 p. m.; 7 days' production 12.120 lbs. butter fat; milk 347.9 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

**IANTHE JEWEL MECHTHILDE 2605 A. R. O. 49349.**

IANTHE JEWEL, MECHTHILDE 2605 A. R. O. In 6 y. 27 d., 22.117 lbs. fat.	{	Count Jewel Mechthilde 20831.	{	Tirania's Sir Mechthilde 16469.
		Highland Ianthe 30680.	{	Jewel Echo 7744.
			{	Rebe Netherland Jacob 14546.
			{	Castine's Jacob's Ianthe 12365.

Owned by James Rettie, Norwich, Ont.

[Entry of additional records. For previous records see Vol. XIV, page 119.]

Second Official Butter Record: Dropped calf November 18, 1904, at 6 y. 27 d. of age; commenced record January 6, 5 a. m., 1905; closed record January 12, 9 p. m.; 7 days' production 22.117 lbs. butter fat; milk 503 lbs.

Food Consumed: 305 lbs. ensilage, 50 lbs. pea meal, 74 lbs. oat chop, 24 lbs. oil meal, 12 lbs. shorts and 295 lbs. mangolds. All the hay she would eat.

Attested by G. S. Dobbie, Ontario Agricultural Experiment Station.

**NO. 3927. GAZELLE PIETERTJE NETHERLAND 73285.**

GAZELLE PIETERTJE NETHERLAND 3927 A. R. O. In 2 y. 2 m. 2 d., 7.842 lbs. fat.	{	Sir Aaggie De Kol Netherland 326 A. R.	{	Netherland De Kol's Sir Mechthilde 22241.
		Gazelle 3d's Pietertje 2d 57279.	{	Aaggie De Kol 1919 A. R. O. In 7 y. 10 m. 21 d., 15.062 lbs. fat.
			{	Paul Mechthilde De Kol 182 A. R.
			{	Gazelle 3d's Pietertje 29725.

Owned and bred by A. J. Daughterity, Streator, Ill. Calved July 10, 1902.

Official Butter Record: Dropped calf September 12, 1904, at 2 y. 2 m. 2 d. of age; commenced record December 17, 1904; closed record December 23; 7 days' production 7.842 lbs. butter fat; milk 223.8 lbs.

Attested by W. W. Hepburn, Illinois Agricultural Experiment Station.

**NO. 3928. GAZELLE PIETERTJE DE KOL 73156.**

GAZELLE PIETERTJE DE KOL 3928 A. R. O. In 2 y. 1 m. 27 d., 8.490 lbs. fat.	{	Sir Aaggie De Kol Netherland 326 A. R.	{	Netherland De Kol's Sir Mechthilde 22241.
			{	Aaggie De Kol 1919 A. R. O. In 7 y. 10 m. 21 d., 15.062 lbs. fat.
	{	Gazelle 3d's Pietertje 3d 2144 A. R. O. In 2 y. 1 m. 18 d., 8.474 lbs. fat.	{	Paul Mechthilde De Kol 182 A. R.
			{	Gazelle 3d's Pietertje 29725.

Owned and bred by A. J. Daughterity, Streator, Ill. Calved September 25, 1902.

Official Butter Record: Dropped calf November 22, 1904, at 2 y. 1 m. 27 d. of age; commenced record December 17, 1904; closed record December 23; 7 days' production 8.490 lbs. butter fat; milk 263.7 lbs.

Attested by W. W. Hepburn, Illinois Agricultural Experiment Station.

**NO. 3929. PIETERTJE LASS PAULINE 73154.**

PIETERTJE LASS PAULINE 3929 A. R. O. In 2 y. 2 m., 8.103 lbs. fat.	{	Paul Mechthilde De Kol 182 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
			{	Inka Pietertje Mechthilde 1145 A. R. O. In 2 y. 11 m. 23 d., 11.348 lbs. fat.
	{	Pietertje Lass 2d 1601 A. R. O. In 6 y. 11 m., 15.464 lbs. fat.	{	Prince of Cloverdale 334 A. R.
			{	Pietertje Lass 1599 A. R. O. In 8 y. 5 m. 26 d., 12.176 lbs. fat.

Owned and bred by A. J. Daughterity, Streator, Ill. Calved September 16, 1902.

Official Butter Record: Dropped calf November 16, 1904, at 2 y. 2 m. of age; commenced record December 17, 1904; closed record December 23; 7 days' production 8.103 lbs. butter fat; milk 304.7 lbs.

Attested by W. W. Hepburn, Illinois Agricultural Experiment Station.

**NO. 3930 SHADELAND DULCIBEL 4TH 54886.**

SHADELAND DULCIBEL 4th 3930 A. R. O. In 5 y. 11 m. 1 d., 13.142 lbs. fat.	{	Baron De Kol 193 A. R.	{	Pauline Paul 2d's Colantha 20579.
			{	Queen De Kol Mechthilde 34692.
	{	Shadeland Dulcibel 29554.	{	Aaggie Alban 70 A. R.
			{	Evalena of Shadeland 4th 747 A. R. P. In 1 y. 11 m. 18 d., 7.063½ lbs. milk 9 m.



Owned by H. L. Bronson, Cortland, N. Y. Bred by O. U. Kellogg, Cortland, N. Y. Calved January 20, 1899.

Official Butter Record: Dropped calf December 21, 1904, at 5 y. 11 m. 1 d. of age; commenced record December 29, 8.30 p. m., 1904; closed record January 5, 12.30 p. m., 1905; 7 days' production 13.142 lbs. butter fat; milk 374.6 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

#### NO. 3931. A. & G. DE KOL PIETERTJE 2D 65522.

A. & G. DE KOL PIETERTJE 2d 3931 A. R. O. In 2 y. 5 m. 14 d., 9.218 lbs. fat.	{	A. & G. Butter King 153 A. R.	{	Mutual Friend 3d's Paul 148 A. R.
		Pietertje Hengerveld's Lady De Kol 2d 1452 A. R. O. In 3 y. 9 m., 12.919 lbs. fat.		
	{	A. & G. De Kol Pietertje 1896 A. R. O. In 3 y. 11 m. 4 d., 13.714 lbs. fat.	{	De Kol Pietertje Prince 23223.
		Nicolo De Kol 1900 A. R. O. In 5 y. 11 m. 9 d., 72.887 lbs. fat 30 d.		

Owned by H. L. Bronson, Cortland, N. Y. Bred by Averill & Gregory, Syracuse, N. Y. Calved April 13, 1902.

Official Butter Record: Dropped calf September 27, 1904, at 2 y. 5 m. 14 d. of age; commenced record November 27, 12.30 p. m., 1904; closed record December 4, 4.30 a. m.; 7 days' production 9.218 lbs. butter fat; milk 297.8 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

#### NO. 3932. OPHELIA SANESTA 54626.

OPHELIA SANESTA 3932 A. R. O. In 4 y. 8 m. 7 d., 30.875 lbs. fat 14 d.	{	Ophelia 7th's Monk 284 A. R.	{	Monk Lyons 21327.
		Ophelia 7th 36875.		
	{	Sanesta 2d's Clothilde 47966.	{	Pauline Paul's Grandson's Clothilde 279 A. R.
		Sanesta 2d 36878.		

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved April 3, 1900.

Official Butter Record: Dropped calf December 10, 1904, at 4 y. 8 m. 7 d. of age; commenced record December 31, 10.30 p. m., 1904; closed record January 7, 4.30 p. m., 1905; 7 days' production 15.911 lbs. butter fat; milk 531.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 10, 1904, at 4 y. 8 m. 7 d. of age; commenced record December 25, 1904; closed record January 7, 1905; 14 days' production 30.875 lbs. butter fat; milk 1,027.7 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NO. 3933. BAWN BUCKEYE 3D'S QUEEN 58431.**

BAWN BUCKEYE 3d's  
 QUEEN 3933 A. R. O. In  
 3 y. 8 m. 8 d., 25.992 lbs.  
 fat 14 d.

{	Pietertje Hengerveld's Count De Kol 135 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
		{ Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
{	Bawn Buckeye 3d 4034 A. R. O. In 6 y. 10 m. 12 d., 13.158 lbs. fat.	{ Monk Lyons 21327.
		{ Bawn Buckeye 34770.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved April 4, 1901.

Official Butter Record: Dropped calf December 12, 1904, at 3 y. 8 m. 8 d. of age; commenced record December 27, 4.30 p. m., 1904; closed record January 3, 10.30 a. m., 1905; 7 days' production 14.340 lbs. butter fat; milk 475.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 12, 1904, at 3 y. 8 m. 8 d. of age; commenced record December 22, 4.30 p. m., 1904; closed record January 5, 10.30 a. m., 1905; 14 days' production 25.992 lbs. butter fat; milk 897.7 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**PRINCESS CORNUCOPIA DE KOL 2D 2583 A. R. O. 49984.**

PRINCESS CORNUCOPIA  
 DE KOL 2d 2583 A. R. O.  
 In 5 y. 9 m. 4 d., 16.565  
 lbs. fat.

{	Pauline Paul 2d's Count 190 A. R.	{ Count Paul De Kol 324 A. R.
		{ Pauline Paul 2d 31477.
{	Princess Cornucopia De Kol 1715 A. R. O. In 3 y. 11 m. 4 d., 14.551 lbs. fat.	{ De Kol 2d's Paul De Kol 107 A. R.
		{ Princess Aaggie Cornucopia 1371 A. R. O. In 3 y. 2 m. 2 d., 12.362 lbs. fat.

Owned by Henry Stevens & Son, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 107, Vol. XV, page 286.]

Third Official Butter Record: Dropped calf December 20, 1904, at 5 y. 9 m. 4 d. of age; commenced record January 3, 5 p. m., 1905; closed record January 10, 11 a. m.; 7 days' production 16.565 lbs. butter fat; milk 441.5 lbs.

Attested by D. J. Hollis, Cornell University Agricultural Experiment Station.

**NO. 3934. BUTTER GIRL PIETERTJE 63852.**

BUTTER GIRL, PIE-  
 TERTJE 3934 A. R. O.  
 In 2 y. 8 m. 24 d., 8.700  
 lbs. fat.

{	De Kol 2d's Butter Boy 3d 117 A. R.	{ Manor De Kol 130 A. R.
		{ De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
{	Pietertje Maid Melisse 1973 A. R. O. In 5 y. 11 m. 17 d., 16.205 lbs. fat.	{ Judge Akkrum De Kol 172 A. R.
		{ Sjieuwke's Lass' Pietertje Maid 38151.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved March 6, 1902.

Official Butter Record: Dropped calf November 30, 1904, at 2 y. 8 m. 24 d. of age; commenced record December 25, 5 p. m., 1904; closed record January 1, 11 p. m., 1905; 7 days' production 8.700 lbs. butter fat; milk 244.6 lbs.

Attested by D. J. Hollis, Cornell University Agricultural Experiment Station.

### NO. 3935. BEAUTY ROSALIE 59920.

BEAUTY ROSALIE 3935 A. R. O. In 3 y. 1 m. 14 d., 10.303 lbs. fat.	{	Lord Byron of Chase 26418.	{	Lord Welsrijp 22065.
				Lady Jane C. 40401.
	{	Lola's Beauty 2731 A. R. O. In 8 y. 1 m. 17 d., 15.039 lbs. fat.	{	Shadeland Blythe 18708.
				Lola 6th 37795.

Owned by C. F. Hunt, Manlius, N. Y. Bred by A. C. Chase, Syracuse, N. Y. Calved September 20, 1901.

Official Butter Record: Dropped calf November 4, 1904, at 3 y. 1 m. 14 d. of age; commenced record January 1, 10 a. m., 1905; closed record January 8, 4 a. m.; 7 days' production 10.303 lbs. butter fat; milk 293.8 lbs.

Attested by Lynn L. Devereaux, Cornell University Agricultural Experiment Station.

### NO. 3936. MANOR DE KOL KONINGEN 55450.

V MANOR DE KOL KONINGEN 3936 A. R. O. In 4 y. 2 m. 26 d., 13.894 lbs. fat.	{	Manor De Kol's Sir Clothilde 166 A. R.	{	Manor De Kol 130 A. R.
				Clothilde Artis Belle 1154 A. R. O. In 5 y. 9 m. 23 d., 16.300 lbs. fat.
	{	Empire Koningen 31094.	{	Niobe Spofford's Empire 15397.
				Amarilla's Koningen 1531 A. R. O. In 10 y. 7 m. 12 d., 13.160 lbs. fat.

Owned by C. F. Hunt, Manlius, N. Y. Bred by Charles Hunt, Delphi, N. Y. Calved August 24, 1900.

Official Butter Record: Dropped calf November 20, 1904, at 4 y. 2 m. 26 d. of age; commenced record December 31, 1904; closed record January 6, 1905; 7 days' production 13.894 lbs. butter fat; milk 410.9 lbs.

Attested by Lynn L. Devereaux, Cornell University Agricultural Experiment Station.

**NO. 3937. ELSIE AAGGIE NETHERLAND 59921.**

<b>ELSIE AAGGIE NETHER-</b> <b>LAND 3937 A. R. O. In</b> 3 y. 1 m., 10.156 lbs. fat.	{	Lord Byron of Chase 26418.	{	Lord Welsrijp 22065.
				Lady Jane C. 40401.
	{	Aaggie Ada Netherland 50915.	{	Penopa's Netherland Boon 21646.
				Aaggie Ada's Second Daughter 37937.

Owned by C. F. Hunt, Manlius, N. Y. Bred by A. C. Chase, Syracuse, N. Y.  
 Calved November 1, 1901.

Official Butter Record: Dropped calf December 1, 1904, at 3 y. 1 m. of age;  
 commenced record January 1, 10 a. m., 1905; closed record January 8, 4 a. m.; 7  
 days' production 10.156 lbs. butter fat; milk 276.8 lbs.

Attested by Lynn L. Devereaux, Cornell University Agricultural Experiment  
 Station.

**PIETERTJE ADIENO DE KOL 3084 A. R. O. 42350.**

<b>PIETERTJE ADIENO DE</b> <b>KOL 3084 A. R. O. In 7</b> y. 7 m. 21 d., 17.494 lbs. fat.	{	King Holland Pietertje 2d 20999.	{	Pietertje 2d's Holland King 9843.
				Tietje 6th 377 A. R. P. In 2 y. 1 m. 28 d., 363 5-16 lbs. milk 10 d.
	{	Adieno De Kol 40175.	{	De Kol 2d's Alban 114 A. R.
				Emperor De Witt's Nitta 35585.

Owned by C. F. Hunt, Manlius, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 155.]

Second Official Butter Record: Dropped calf November 21, 1904, at 7 y. 7  
 m. 21 d. of age; commenced record December 30, 10 a. m., 1904; closed record  
 January 6, 4 a. m., 1905; 7 days' production 17.494 lbs. butter fat; milk 456.5 lbs.

Attested by Lynn L. Devereaux, Cornell University Agricultural Experiment  
 Station.

**NO. 3938. COUNTESS CHASE 50913.**

<b>COUNTESS CHASE 3938</b> <b>A. R. O. In 6 y. 8 m. 24</b> d., 13.243 lbs. fat.	{	Penopa's Netherland Boon 21646.	{	Shadeland Brank 18712.
				Penopa of Schillaard 2644.
	{	Lola 3d's Princess 37939.	{	Shadeland Blythe 18708.
				Lola 3d 3729.

Owned by C. F. Hunt, Manlius, N. Y. Bred by A. C. Chase, Syracuse, N. Y.  
 Calved February 5, 1898.

Official Butter Record: Dropped calf October 29, 1904, at 6 y. 8 m. 24 d. of age; commenced record January 1, 10 a. m., 1905; closed record January 8, 4 a. m.; 7 days' production 13.243 lbs. butter fat; milk 430.1 lbs.

Attested by Lynn L. Devereaux, Cornell University Agricultural Experiment Station.

### TIDY ABBEKERK DE KOL 2758 A. R. O. 60965.

TIDY ABBEKERK DE KOL 2758 A. R. O. In 6 y. 4 m. 18 d., 36.167 lbs. fat 14 d.	{	Sir Pietertje Inka De Kol 30571.	{	Sir Pietertje Josephine Mechthilde 21412.
				Inka Rose Pietertje De Kol 36019.
	{	Tidy Abbeckerk 2625 A. R. O. In 8 y. 8 m. 16 d., 21.832 lbs. fat.	{	Colanthus Abbeckerk 15596.
				Tidy of Dowine 4076.

Owned by J. B. Marcou, Princeton, Mass.

[Entry of additional records. For previous records see Vol. XIV, page 203, Vol. XV, page 131.]

Third Official Butter Record: Dropped calf December 23, 1904, at 6 y. 4 m. 18 d. of age; commenced record January 13, 1905; closed record January 19; 7 days' production 18.637 lbs. butter fat; milk 655.9 lbs.

Official Butter Record. Fourteen consecutive days. Dropped calf December 23, 1904, at 6 y. 4 m. 18 d. of age; commenced record January 12, 1905; closed record January 25; 14 days' production 36.167 lbs. butter fat; milk 1,267.3 lbs.

Attested by Albert Parsons, Hatch (Mass.) Agricultural Experiment Station.

### BEWUNDE AAGGIE MECHTHILDE 3027 A. R. O. 67125.

BEWUNDE AAGGIE MECHTHILDE 3027 A. R. O. In 5 y. 1 m. 20 d., 14.049 lbs. fat.	{	Sir Barnum Mechthilde 325 A. R.	{	Tirania's Sir Mechthilde 16469.
				Irene Barnum 20401.
	{	Bewunde Aaggie's Star 2152 A. R. O. In 5 y. 8 m. 16 d., 12.239 lbs. fat.	{	Day's Eldorado 21186.
				Bewunde's Aaggie 1078 A. R. P. In 5 y. 7 m. 5 d., 29 lbs. 5 oz. butter by churn.

Owned by W. H. Simmons, New Durham, Ont.

[Entry of additional records. For previous records see Vol. XV, page 118.]

Second Official Butter Record: Dropped calf December 23, 1904, at 5 y. 1 m. 20 d. of age; commenced record January 21, 1905; closed record January 27; 7 days' production 14.049 lbs. butter fat; milk 427.4 lbs.

Attested by Edgar I. Johnson, Ontario Agricultural Experiment Station.



**NO. 3939. MAID DE KOL OF CLOVERDALE 2D 73286.**

✓ MAID DE KOL OF CLOVERDALE 2d 3939 A. R. O. In 2 y. 3 m. 24 d., 8.760 lbs. fat.	{	Sir Aaggie De Kol Netherland 326 A. R.	{	Netherland De Kol's Sir Mechthilde 22241.
		Maid De Kol of Cloverdale 2139 A. R. O. In 3 y. 2 m. 24 d., 10.031 lbs. fat.		Aaggie De Kol 1919 A. R. O. In 7 y. 10 m. 21 d., 15.062 lbs. fat.
			{	Paul Mechthilde De Kol 182 A. R.
				Maid of Cloverdale 561 A. R. P. In 7 y., 10,887½ lbs. milk 10 m.

Owned and bred by A. J. Daugherity, Streator, Ill. Calved August 20, 1902.

Official Butter Record: Dropped calf December 14, 1904, at 2 y. 3 m. 24 d. of age; commenced record January 6, 1905; closed record January 13; 7 days' production 8.760 lbs. butter fat; milk 272.7 lbs.

Attested by Morgan Harris, Illinois Agricultural Experiment Station.

**NO. 3940. JESSIE RECTOR 2D 73287.**

✓ JESSIE RECTOR 2d 3940 A. R. O. In 2 y. 1 m. 23 d., 10.347 lbs. fat.	{	Sir Aaggie De Kol Netherland 326 A. R.	{	Netherland De Kol's Sir Mechthilde 22241.
		Jessie Rector 2582 A. R. O. In 10 y. 3 m. 10 d., 16.442 lbs. fat.		Aaggie De Kol 1919 A. R. O. In 7 y. 10 m. 21 d., 15.062 lbs. fat.
			{	Lord Cecil 1851 H. H. B.
				Meg Rector 29049.

Owned and bred by A. J. Daugherity, Streator, Ill. Calved October 30, 1902.

Official Butter Record: Dropped calf December 23, 1904, at 2 y. 1 m. 23 d. of age; commenced record January 10, 1905; closed record January 17; 7 days' production 10.347 lbs. butter fat; milk 333.9 lbs.

Attested by Morgan Harris, Illinois Agricultural Experiment Station.

**NO. 3941. AAGGIE JOHANNA ARTIS 63405.**

✓ AAGGIE JOHANNA ARTIS 3941 A. R. O. In 1 y. 11 m. 19 d., 10.779 lbs. fat.	{	Johanna Rue 3d's Lad 280 A. R.	{	Sarcastic Lad 194 A. R.
		Aaggie Castine Artis 36884.		Johanna Rue 3d 1337 A. R. O. In 5 y. 6 m. 21 d., 19.392 lbs. fat.
			{	Castine's Artis Peer 19057.
				Aaggie Leila's Inka's Netherland 33831.

Owned and bred by A. A. Cortelyou, Neshanic, N. J. Calved January 6, 1903.

Official Butter Record: Dropped calf December 25, 1905, at 1 y. 11 m. 19 d. of age; commenced record January 20, 1905; closed record January 26; 7 days' production 10.779 lbs. butter fat; milk 306.6 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**MONTGOMERY GYPSY 2548 A. R. O. 53877.**

MONTGOMERY GYPSY 2548 A. R. O. In 5 y. 3 m. 23 d., 17.637 lbs. fat.	{	Sir Aaggie Mechthilde De Kol 23040.	{	Count Mechthilde De Kol 242 A. R.
				Aaggie Leila's Inka's Netherland 33831.
	{	Belle Netherland Clothilde 1888 A. R. O. In 8 y. 7 m. 9 d., 18.981 lbs. fat.	{	Clothilde 3d's Sir Netherland 16215.
				Belle of Opperdoes 4th 5273.

Owned by A. A. Cortelyou, Neshanic, N. J.

[Entry of additional records. For previous records see Vol. XIV, page 89.]

Second Official Butter Record: Dropped calf January 15, 1905, at 5 y. 3 m. 23 d. of age; commenced record January 23, 1905; closed record January 29; 7 days' production 17.637 lbs. butter fat; milk 480.4 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**AMERICA JEWEL 2325 A. R. O. 52747.**

AMERICA JEWEL 2325 A. R. O. In 5 y. 3 m. 21 d., 13.652 lbs. fat.	{	De Kol Burke 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
				Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
	{	Esther Cleveland 2818 A. R. O. In 7 y. 9 m. 13 d., 12.285 lbs. fat.	{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
				Bessie Ward 32289.

Owned by A. A. Cortelyou, Neshanic, N. J.

[Entry of additional records. For previous records see Vol. XIII, page 218, Vol. XIV, page 45.]

Fourth Official Butter Record: Dropped calf January 7, 1905, at 5 y. 3 m. 21 d. of age; commenced record January 23, 1905; closed record January 29; 7 days' production 13.652 lbs. butter fat; milk 390.1 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**BUFFALO QUEEN DE KOL 3161 A. R. O. 61201.**

BUFFALO QUEEN DE KOL 3161 A. R. O. In 3 y. 4 m. 12 d., 11.335 lbs. fat.	{	Piebe De Kol Burke 165 A. R.	{	De Kol Burke 162 A. R.
				Piebe Queen 2d 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.
	{	Orleans Maid 1491 A. R. O. In 4 y. 4 m. 8 d., 11.028 lbs. fat.	{	Wartena Netherland Prince 128 A. R.
				Piebe Queen 3d 1461 A. R. O. In 3 y. 10 m. 13 d., 12.260 lbs. fat.

Owned by A. A. Cortelyou, Neshanic, N. J.

[Entry of additional records. For previous records see Vol. XV, page 198.]

Second Official Butter Record: Dropped calf January 8, 1905, at 3 y. 4 m. 12 d. of age; commenced record January 23, 1905; closed record January 29; 7 days' production 11.335 lbs. butter fat; milk 340 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

### NO. 3942. BESSIE GRIETJE DE KOL 58921.

BESSIE GRIETJE DE KOL 3942 A. R. O. In 3 y. 4 m. 5 d., 9.698 lbs. fat.	{ Senor Paul De Kol 23923. Bessie Grietje 50425.	{ Neta Paul's Son 22125. Netherland Darkness De Kol 32002.
		{ Count Akkrum De Kol 22447. Grietje Reinks 3d 34292.

Owned by A. A. Cortelyou, Neshanic, N. J. Bred by J. G. Patterson, Hamilton, N. Y. Calved August 22, 1901.

Official Butter Record: Dropped calf December 27, 1904, at 3 y. 4 m. 5 d. of age; commenced record January 20, 1905; closed record January 26; 7 days' production 9.698 lbs. butter fat; milk 284.3 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

### NO. 3943. LADY MAY TRAVERSE 60142.

✓ LADY MAY TRAVERSE 3943 A. R. O. In 2 y. 5 m. 16 d., 9.621 lbs. fat.	{ Pontiac Butter Boy 327 A. R. Lady Armitage 3948 A. R. O. In 8 y. 3 m. 27 d., 12.253 lbs. fat.	{ De Kol 2d's Butter Boy 129 A. R. Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
		{ Manistee 21996. Lady Sturtevant 42627.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved May 4, 1902.

Official Butter Record: Dropped calf October 20, 1904, at 2 y. 5 m. 16 d. of age; commenced record January 20, 1905; closed record January 26; 7 days' production 9.621 lbs. butter fat; milk 303 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3944. PONTIAC HEIKJE 57625.**

✓ PONTIAC HEIKJE 3944 A. R. O. In 3 y. 3 m. 18 d., 12.406 lbs. fat.	{	Pontiac Butter Boy 327 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Ida Heikje 53153.		Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
			{	Mechthilde 2d's Colanthus 14683.
			{	Heikje 13373.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved July 30, 1901.

Official Butter Record: Dropped calf November 18, 1904, at 3 y. 3 m. 18 d. of age; commenced record January 20, 1905; closed record January 26; 7 days' production 12.406 lbs. butter fat; milk 389.5 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3945. AMERICAN IVY 57619.**

AMERICAN IVY 3945 A. R. O. In 3 y. 1 m. 29 d., 11.208 lbs. fat.	{	Pontiac Butter Boy 327 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Asylum Ivy 42631.		Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
			{	Asylum 21997.
			{	Ivy 5678.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved September 29, 1901.

Official Butter Record: Dropped calf November 28, 1904, at 3 y. 1 m. 29 d. of age; commenced record January 20, 1905; closed record January 26; 7 days' production 11.208 lbs. butter fat; milk 335.5 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3946. TRAVERSE KAASTRA BELLE 55461.**

TRAVERSE KAASTRA BELLE 3946 A. R. O. In 3 y. 10 m. 19 d., 10.259 lbs. fat.	{	Pontiac Butter Boy 327 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Asylum Kaastra 42635.		Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
			{	Asylum 21997.
			{	Tiet Kaastra 3d 14163.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved November 28, 1900.

Official Butter Record: Dropped calf October 17, 1904, at 3 y. 10 m. 19 d. of age; commenced record January 20, 1905; closed record January 26; 7 days' production 10.259 lbs. butter fat; milk 347.8 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3947. PONTIAC IVY 50867.**

✓ PONTIAC IVY 3947 A. R.  
O. In 5 y. 4 m. 8 d.,  
12.503 lbs. fat.

{ Pontiac Butter Boy 327  
A. R.

{ De Kol 2d's Butter Boy 129  
A. R.

{ Rag Apple's Clothilde Artis  
1157 A. R. O. In 2 y. 1  
m. 1 d., 10.024 lbs. fat.

{ Asylum Ivy 42681.

{ Asylum 21997.

{ Ivy 5678.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved June 2, 1899.

Official Butter Record: Dropped calf October 10, 1904, at 5 y. 4 m. 8 d. of age; commenced record January 20, 1905; closed record January 26; 7 days' production 12.503 lbs. butter fat; milk 387.9 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3948. LADY ARMITAGE 42899.**

LADY ARMITAGE 3948 A.  
R. O. In 8 y. 3 m. 27 d.,  
12.253 lbs. fat.

{ Manistee 21996.

{ Easy 17743.

{ Tiet Kaastra 4th 25005.

{ Lady Sturtevant 42627.

{ Jack Sturtevant 13359.

{ Lady Stanhope 11198.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved August 31, 1896.

Official Butter Record: Dropped calf December 28, 1904, at 8 y. 3 m. 27 d. of age; commenced record January 20, 1905; closed record January 26; 7 days' production 12.253 lbs. butter fat; milk 431.8 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3949. LADY PONTIAC 52644.**

✓ LADY PONTIAC 3949 A. R.  
O. In 5 y. 17 d., 14.041  
lbs. fat.

{ Pontiac Butter Boy 327 A. R.

{ De Kol 2d's Butter Boy 129  
A. R.

{ Rag Apple's Clothilde Artis  
1157 A. R. O. In 2 y. 1  
m. 1 d., 10.024 lbs. fat.

{ Lady Atta 50862.

{ Sir Zwen 17128.

{ Atta 20842.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved December 11, 1899.

Official Butter Record: Dropped calf December 28, 1904, at 5 y. 17 d. of age; commenced record January 20, 1905; closed record January 26; 7 days' production 14.041 lbs. butter fat; milk 406.8 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.



**NO. 3950. CADILAC QUEEN 46201.**

CADILAC QUEEN 3950 A. R. O. In 7 y. 5 m. 29 d., 17.710 lbs. fat.	{	Cadilac Mercedes 22977.	{	Leda's Champion Wayne 20257.
				Atalanta 2d's Mercedes 15487.
	{	Asylum Belle 43016.	{	Asylum 21997.
				Lady Sweet 42666.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved June 29, 1897.

Official Butter Record: Dropped calf December 28, 1904, at 7 y. 5 m. 29 d. of age; commenced record January 20, 1905; closed record January 26; 7 days' production 17.710 lbs. butter fat; milk 542 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3951. OMENA KAASTRA 46205.**

OMENA KAASTRA 3951 A. R. O. In 6 y. 10 m. 13 d., 13.210 lbs. fat.	{	Omena 22967.	{	Manistee 21996.
				Zwen 10854.
	{	Asylum Kaastra 42635.	{	Asylum 21997.
				Tiet Kaastra 3d 14163.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved February 13, 1898.

Official Butter Record: Dropped calf December 26, 1904, at 6 y. 10 m. 13 d. of age; commenced record January 20, 1905; closed record January 26; 7 days' production 13.210 lbs. butter fat; milk 409.8 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**CALAMITY JANE 2D 1824 A. R. O. 49455.**

CALAMITY JANE 2d 1824 A. R. O. In 6 y. 1 m. 23 d., 16.323 lbs. fat.	{	Sir Paul De Kol Clothilde 174 A. R.	{	Nellie Grant 4th's Paul De Kol 20167.
				Orrice 3d 29482.
	{	Calamity Jane 1311 A. R. O. In 7 y. 10 m. 11 d., 20.041 lbs. fat.	{	Nigger 2871.
				Kate Edge 5401 H.

Owned by George Rice, Tillsonburg, Ont.

[Entry of additional records. For previous records see Vol. XII, page 73, Vol. XIII, page 221.]

Fourth Official Butter Record: Dropped calf January 5, 1905, at 6 y. 1 m. 23 d. of age; commenced record January 23, 1905; closed record January 29; 7 days' production 16.323 lbs. butter fat; milk 448.6 lbs.

Attested by G. S. Dobbie, Ontario Agricultural Experiment Station.

**PRAIRIE FLOWER NETHERLAND MECHTHILDE 2938 A. R. O. 61263.**

PRAIRIE FLOWER NETHERLAND MECHTHILDE 2938 A. R. O. In 3 y. 9 m. 21 d., 10.918 lbs. fat.	{	Sir Barnum Mechthilde 325 A. R.	{	Tirania's Sir Mechthilde 16469.
			{	Irene Barnum 20401.
		Prairie Flower 2d's Nether- land of Portage A. 37994.	{	Star's Netherland America 16723.
			{	Prairie Flower 2d 18453.

Owned by George Rice, Tillsonburg, Ont.

[Entry of additional records. For previous records see Vol. XV, page 71.]

Second Official Butter Record: Dropped calf January 15, 1905, at 3 y. 9 m. 21 d. of age; commenced record January 22, 1905; closed record January 28; 7 days' production 10.918 lbs. butter fat; milk 356.3 lbs.

Attested by G. S. Dobbie, Ontario Agricultural Experiment Station.

**NO. 3952. IJTJE DIRKJE 74475.**

IJTJE DIRKJE 3952 A. R. O. In 2 y. 15 d., 10.454 lbs. fat.	{	Stein 2778 F. H. B.
		Dirkje II 10333 F. H. B.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by T. G. Dokter, Achlum, Friesland. Calved November 8, 1902.

Official Butter Record: Dropped calf November 23, 1904, at 2 y. 15 d. of age; commenced record December 10, 1904; closed record December 16; 7 days' production 10.454 lbs. butter fat; milk 276.9 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**NO. 3953. PIETERTJE DE HAAN 3D 66099.**

✓ PIETERTJE DE HAAN 3d 3953 A. R. O. In 1 y. 10 m. 29 d., 8.817 lbs. fat.	{	Beryl Wayne's Paul De Kol 306 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
			{	Beryl Wayne 1177 A. R. O. In 8 y. 10 m. 12 d., 22.298 lbs. fat.
		Pietertje De Haan 1507 A. R. O. In 8 y. 2 m. 2 d., 75.807 lbs. fat 30 d.	{	Pietertje Waldorf 120 A. R.
			{	Daisy De Haan 35077.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved December 12, 1902.

Official Butter Record: Dropped calf November 11, 1904, at 1 y. 10 m. 29 d. of age; commenced record December 1, 6 a. m., 1904; closed record December 8, 12 a. m.; 7 days' production 8.817 lbs. butter fat; milk 260.6 lbs.

Attested by Lynn L. Devereaux, Cornell University Agricultural Experiment Station.

**HARTOG DE KOL BELLE 3121 A. R. O. 60650.**

HARTOG DE KOL BELLE 3121 A. R. O. In 3 y. 5 m. 14 d., 39.446 lbs. fat 21 d.	{	Manor De Kol's Sir Clothilde 166 A. R.	{	Manor De Kol 130 A. R.  Clothilde Artis Belle 1154 A. R. O. In 5 y. 9 m. 23 d., 16.300 lbs. fat.
		Hartog De Kol 1398 A. R. O. In 8 y. 11 m. 2 d., 17.807 lbs. fat.		{ Star's Paul De Kol 20340.  Durdie Hartog 2d 29121.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 176.]

Second Official Butter Record: Dropped calf October 24, 1904, at 3 y. 5 m. 14 d. of age; commenced record November 16, 12 p. m., 1904; closed record November 23, 6 a. m.; 7 days' production 13.732 lbs. butter fat; milk 426.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October 24, 1904, at 3 y. 5 m. 14 d. of age; commenced record November 17, 6 a. m., 1904; closed record December 1, 12 a. m.; 14 days' production 26.732 lbs. butter fat; milk 842 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf October 24, 1904, at 3 y. 5 m. 14 d. of age; commenced record November 10, 12 p. m., 1904; closed record December 1, 6 a. m.; 21 days' production 39.446 lbs. butter fat; milk 1,253.4 lbs.

Attested by Lynn L. Devereaux, Cornell University Agricultural Experiment Station.

**SUSIE DE KOL PAUL 2771 A. R. O. 56446.**

SUSIE DE KOL PAUL 2771 A. R. O. In 3 y. 6 m. 3 d., 69.130 lbs. fat 30 d.	{	Zozo De Kol Clothilde 23241.	{	Clothilde 4th's Imperial King 21584. Máplecroft Zozo 35908.
		Liebchon 1241.		{ Signal 1369 H. Rychie 441 H.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 212, Vol. XV, page 248.]

Third Official Butter Record: Dropped calf November 10, 1904, at 4 y. 4 m. 13 d. of age; commenced record November 26, 1904; closed record December 2; 7 days' production 16.544 lbs. butter fat; milk 516.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf November 10, 1904, at 4 y. 4 m. 13 d. of age; commenced record November 21, 6 p. m., 1904; closed record December 5, 12 p. m.; 14 days' production 32.594 lbs. butter fat; milk 982.4 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf November 10, 1904, at 4 y. 4 m. 13 d. of age; commenced record November 21, 6 p. m., 1904; closed record December 12, 12 p. m.; 21 days' production 46.842 lbs. butter fat; milk 1,451.4 lbs.

Attested by Lynn L. Devereaux, Cornell University Agricultural Experiment Station.

# **NO. 3954. JUDY MODEL 70313.**

JUDY MODEL 3954 A. R. O. In 5 y. 1 m. 6 d., 13.301 lbs. fat.	{	Model Pride 348 A. R.	{	Copia's Elector 21294.
		Lady Rival 2d 68030.		Ondine's Model 4th 10534.
			{	Netherland Aaggie Pietertje 18107.
				Lady Rival 1752.

Owned by Oneida Community, Kenwood, N. Y. Bred by M. H. Kinsley, Kenwood, N. Y. Calved November 11, 1899.

Official Butter Record: Dropped calf December 17, 1904, at 5 y. 1 m. 6 d. of age; commenced record January 15, 9 p. m., 1905; closed record January 22, 1 p. m.; 7 days' production 13.301 lbs. butter fat; milk 419.8 lbs.

Attested by A. Stone, Cornell University Agricultural Experiment Station.

# **WAYNE PAULINE DE KOL 1722 A. R. O. 47430.**

WAYNE PAULINE DE KOL 1722 A. R. O. In 6 y. 10 m. 2 d., 13.771 lbs. fat.	{	America 2d's Wayne Paul De Kol 149 A. R.	{	Paul De Kol 97 A. R.
		Patty's Pet 3d 38946.		America 2d 960 A. R. P. In 3 y. 4 m. 15 d., 13 lbs. 12 oz. butter by churn.
			{	Pietertje Waldorf 120 A. R.
				Patty's Pet 1256 A. R. O. In 11 y. 2 d., 16.207 lbs. fat.

Owned by Oneida Community, Kenwood, N. Y.

[Entry of additional records. For previous records see Vol. XI, page 100, Vol. XIII, page 183.]

Third Official Butter Record: Dropped calf January 7, 1905, at 6 y. 10 m. 2 d. of age; commenced record January 16, 1 p. m., 1905; closed record January 23, 5 a. m.; 7 days' production 13.771 lbs. butter fat; milk 420.8 lbs.

Attested by A. Stone, Cornell University Agricultural Experiment Station.

**NO. 3955. WANDA PIETERTJE 59286.**

WANDA PIETERTJE 3955 A. R. O. In 2 y. 10 m. 13 d., 11.852 lbs. fat.	{	Prince De Kol Pietertje H. 27710.	{	Prince Grant De Kol 25028.
				Lucy Pietertje R. 29991.
	{	Zahara 2d 4088 A. R. O. In 11 y. 10 m. 21 d., 15.016 lbs. fat.	{	Pietertje Hartog 137 A. R.
				Zahara 19680.

Owned by Oneida Community, Kenwood, N. Y. Bred by E. J. Spooner, Stockbridge, N. Y. Calved February 10, 1902.

Official Butter Record: Dropped calf December 23, 1904, at 2 y. 10 m. 13 d. of age; commenced record January 15, 9 p. m., 1905; closed record January 22, 1 p. m.; 7 days' production 11.852 lbs. butter fat; milk 348.9 lbs.

Attested by A. Stone, Cornell University Agricultural Experiment Station.

**NO. 3956. ANNA JANTJE 70869.**

ANNA JANTJE 3956 A. R. O. In 3 y. 8 m. 4 d., 30.282 lbs. fat 14 d.	{	Bravo 808 N. H. H. B.
		Jantje 3856 N. H. H. B.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by J. Buurs, Beemster, North Holland. Calved March 15, 1901.

Official Butter Record: Dropped calf November 19, 1904, at 3 y. 8 m. 4 d. of age; commenced record December 9, 6 a. m., 1904; closed record December 16, 12 a. m.; 7 days' production 15.774 lbs. butter fat; milk 489.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf November 19, 1904, at 3 y. 8 m. 4 d. of age; commenced record December 5, 6 a. m., 1904; closed record December 19, 12 a. m.; 14 days' production 30.282 lbs. butter fat; milk 952.9 lbs.

Attested by Lynn L. Devereaux, Cornell University Agricultural Experiment Station.

**NO. 3957. COUNTESS YANKEE AAGGIE ROSA 68201.**

COUNTESS YANKEE AAGGIE ROSA 3957 A. R. O. In 1 y. 10 m. 28 d., 7.540 lbs. fat.	{	Zanca De Kol's Count 27053.	{	Pauline Paul 2d's Count 190 A. R.
				Zanca De Kol 1418 A. R. O. In 6 y. 4 m. 15 d., 18.508 lbs. fat.
	{	Princess Yankee Aaggie Rosa 3336 A. R. O. In 5 y. 12 d., 14.137 lbs. fat.	{	De Kol de Yong 23354.
				Yankee Aaggie Rosa 3389 A. R. O. In 11 y. 1 m. 12 d., 13.573 lbs. fat.



Owned by W. W. Cornwall, South Wales, N. Y. Bred by E. S. Robinson, Forestville, N. Y. Calved February 5, 1903.

Official Butter Record: Dropped calf January 3, 1905, at 1 y. 10 m. 28 d. of age; commenced record January 12, 1905; closed record January 19; 7 days' production 7.540 lbs. butter fat; milk 192.2 lbs.

Attested by Hawley F. Scott, Cornell University Agricultural Experiment Station.

**NO. 3958. ETTA PAULINE DE KOL 72705.**

<b>ETTA PAULINE DE KOL</b> 3958 A. R. O. In 2 y. 6 m. 6 d., 9.265 lbs. fat.	{	Lord Netherland De Kol 245	{	Netherland De Kol's
		A. R.		Perfection 223 A. R.
				Susie De Kol 1325 A. R. O.
				In 8 y. 10 m. 7 d., 20.245
				lbs. fat.
	{	Jetta Pauline De Kol 53603.	{	Count Mechthilde Parthenea
				22768.
				Jetta of Lynfeld 36894.

Owned by A. A. Cortelyou, Neshanic, N. J. Bred by E. C. Brill, Poughquag, N. Y. Calved June 29, 1902.

Official Butter Record: Dropped calf January 5, 1905, at 2 y. 6 m. 6 d. of age; commenced record January 23, 1905; closed record January 29; 7 days' production 9.265 lbs. butter fat; milk 253.8 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**NO. 3959. BESSIE CLOTHILDE PERFECTION 65241.**

<b>BESSIE CLOTHILDE</b> <b>PERFECTION 3959 A. R.</b> O. In 2 y. 2 m. 26 d., 9.325 lbs. fat.	{	Royal De Kol Perfection De	{	De Kol Netherland Clothilde
		Kol 27674.		25540.
				Doetje Welling's De Kol
				33691.
	{	Donhiske Bessie Clothilde	{	Donhiske Paul 24991.
		58801.		Netherland Clothilde T's
				Bessie 45075.

Owned by Wade H. Barnes, Brooklyn, Pa. Bred by E. C. Rindge, Cortland, N. Y. Calved September 29, 1902.

Official Butter Record: Dropped calf December 25, 1904, at 2 y. 2 m. 26 d. of age; commenced record January 24, 1905; closed record January 30; 7 days' production 9.325 lbs. butter fat; milk 282.7 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**PONTIAC THEIA 2119 A. R. O. 47769.**

PONTIAC THEIA 2119 A. R. O. In 6 y. 14 d., 15.959 lbs. fat.	{	Sir Inka Artis Mechthilde 191 A. R.	{	Yankee Annan Sir J. Echo Mechthilde 18924.
		Theia 1470 A. R. P. In 2 y. 1 m. 25 d., 8,264 lbs. milk 1 y.		Inka Darkness 2d's Artis 24636.
			{	Calumbo '93 20980.
			{	Belle of Troy 38618.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XIII, page 100, Vol. XV, page 29.]

Second Official Butter Record: Dropped calf November 25, 1904, at 6 y. 14 d. of age; commenced record January 30, 1905; closed record February 5; 7 days' production 15.959 lbs. butter fat; milk 423 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**HESELTJE 4TH 1626 A. R. O. 41848.**

HESELTJE 4th 1626 A. R. O. In 8 y. 8 m. 22 d., 14.349 lbs. fat.	{	Calumbo '93 20980.	{	Judge Moore 18894.
		Hesseltje 963 D. F.		Pride of Maple Row 15086.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XI, page 53, Vol. XIII, page 157.]

Second Official Butter Record: Dropped calf November 19, 1904, at 8 y. 8 m. 22 d. of age; commenced record January 30, 1904; closed record February 5; 7 days' production 14.349 lbs. butter fat; milk 404 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**PONTIAC PAULINE MAHOMET 2121 A. R. O. 46920.**

PONTIAC PAULINE MA- HOMET 2121 A. R. O. In 6 y. 7 m. 4 d., 15.736 lbs. fat.	{	Pauline Paul's De Kol 180 A. R.	{	Count Paul De Kol 324 A. R.
		Anna Mahomet 2d 27417.		Pauline Paul 352 A. R. P. In 8 y., 1,153 lbs. 15.8 oz. butter by churn 365 d.
			{	Count Clothilde 9915.
			{	Anna Mahomet 13229.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XIII, page 101.]

Second Official Butter Record: Dropped calf December 8, 1904, at 6 y. 7 m. 4 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 15.376 lbs. butter fat; milk 433 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

### PONTIAC QUEEN CASHE 2316 A. R. O. 47771.

PONTIAC QUEEN CASHE 2316 A. R. O. In 6 y. 1 m. 11 d., 12.434 lbs. fat.	{	Sir Inka Artis Mechthilde 191 A. R.	{	Yankee Annan Sir J. Echo Mechthilde 18924.
		Queen Cashe 1306 A. R. P. In 4 y. 8 m. 29 d., 11,179 lbs. milk 1 y.		Inka Darkness 2d's Artis 24636.
			{	Gipe 12812.
			{	Maggie Moore 10175.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XIII, page 213.]

Official Butter Record: Dropped calf January 2, 1905, at 6 y. 1 m. 11 d. of age; commenced record January 30, 1905; closed record February 5; 7 days' production 12.434 lbs. butter fat; milk 376 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

### PONTIAC JUSTICE 3106 A. R. O. 53436.

PONTIAC JUSTICE 3106 A. R. O. In 4 y. 6 m. 24 d., 14.736 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Pontiac Aaggie Mechthilde 44455.		Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
			{	Sir Inka Artis Mechthilde 191 A. R.
			{	Aaggie Lily 2d's Pietertje 1300 A. R. P. In 2 y. 4 m. 13 d., 8,055 lbs. milk 1 y.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XV, page 168.]

Second Official Butter Record: Dropped calf January 19, 1905, at 4 y. 6 m. 24 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 14.736 lbs. butter fat; milk 394 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**PONTIAC PEACE 3105 A. R. O. 53434.**

PONTIAC PEACE 3105 A. R. O. In 4 y. 6 m. 27 d., 15.143 lbs. fat.	Hengerveld De Kol 136 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Pontiac Aurora Mechthilde 44451.	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
		Sir Inka Artis Mechthilde 191 A. R.
		Belle of Troy 38618.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XV, page 167.]

Second Official Butter Record: Dropped calf January 6, 1905, at 4 y. 6 m. 27 d. of age; commenced record January 30, 1905; closed record February 5; 7 days' production 15.143 lbs. butter fat; milk 408 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**PONTIAC HESSELTJE 2317 A. R. O. 47773.**

PONTIAC HESSELTJE 2317 A. R. O. In 6 y. 27 d., 14.021 lbs. fat.	Sir Inka Artis Mechthilde 191 A. R.	Yankee Annan Sir J. Echo Mechthilde 18924.
	Hesseltje 3d 1275 A. R. O. In 12 y. 26 d., 12.641 lbs. fat.	Inka Darkness 2d's Artis 24636.
		Judge Moore 18894.
		Hesseltje 963 D. F.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XIII, page 214, Vol. XV, page 294.]

Second Official Butter Record: Dropped calf January 19, 1905, at 6 y. 27 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 14.021 lbs. butter fat; milk 398 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**PONTIAC ERATO 2996 A. R. O. 53448.**

PONTIAC ERATO 2996 A. R. O. In 4 y. 3 m. 6 d., 11.182 lbs. fat.	Hengerveld De Kol 136 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Carrie Pet Seeley 42210.	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
		Sir John J. 22419.
		Carrie Pet 3d 40290.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XV, page 99.]

Second Official Butter Record: Dropped calf December 26, 1904, at 4 y. 3 m. 6 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 11.182 lbs. butter fat; milk 357 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

### INKA DARKNESS 2D'S QUEEN 1307 A. R. O. 40182.

INKA DARKNESS 2d's QUEEN 1307 A. R. O. In 10 y. 6 m. 18 d., 12.113 lbs. fat.	{	Yankee Annan Sir J. Echo	{	Sir Jewel Echo Mechthilde
		Mechthilde 18924.		12863.
				Daline Abbekerk 3d 16413.
		Inka Darkness 2d 1335.	{	Mooie Kleiterp 319 D. F.
			{	Inka Darkness 864 A. R. P.
				In 6 y. 7 m. 8 d., 19 lbs.
				8 oz. butter by churn.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. VIII, page 703.]

Official Butter Record: Dropped calf November 23, 1904, at 10 y. 6 m. 18 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 12.113 lbs. butter fat; milk 368 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

### NO. 3960. PONTIAC AGNES 65756.

✓ PONTIAC AGNES 3960 A. R. O. In 2 y. 3 m. 13 d., 12.288 lbs. fat.	{	Pontiac Korndyke 177 A. R.	{	Manor Josephine De Kol 204
				A. R.
				Belle Korndyke 1449 A. R.
		O. In 10 y. 9 m. 13 d.,		20.615 lbs. fat.
		Pontiac Pauline Hengerveld	{	Hengerveld De Kol 136 A. R.
		2995 A. R. O. In 3 y. 1		
		m. 28 d., 9.573 lbs. fat.		Pontiac Pauline Mahomet
				2121 A. R. O. In 6 y. 7
				m. 4 d., 15.376 lbs. fat.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved October 10, 1902.

Official Butter Record: Dropped calf January 23, 1905, at 2 y. 3 m. 13 d. of age; commenced record January 30, 1905; closed record February 5; 7 days' production 12.288 lbs. butter fat; milk 305 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.



**NO. 3961. PONTIAC TRITOMIA 56226.**

PONTIAC TRITOMIA 3961 A. R. O. In 4 y. 3 m. 26 d., 11.912 lbs. fat.	{	Carlotta 2d's Sir Parthena 454 W.	{ Parthena's Sir Henry 248 A. R. Carlotta 2d 3555 H. H. B.
		Tritomia Silence 30764.	{ Tritomia's Mercedes Prince 32 A. R. Silence 2d 6054 H. H. B.

Owned by Eastern Michigan Asylum, Pontiac, Mich. Bred by Estate of W. H. McCall, College View, Neb. Calved August 1, 1900.

Official Butter Record: Dropped calf November 27, 1904, at 4 y. 3 m. 26 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 11.912 lbs. butter fat; milk 358 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3962. PONTIAC LUNDE DE KOL 49660.**

PONTIAC LUNDE DE KOL 3962 A. R. O. In 5 y. 8 m. 18 d., 12.093 lbs. fat.	{	Sir Inka Artis Mechthilde 191 A. R.	{ Yankee Annan Sir J. Echo Mechthilde 18924. Inka Darkness 2d's Artis 24636.
		Lunde Beauty's De Kol 1630 A. R. O. In 7 y. 4 m. 2 d., 12.988 lbs. fat.	{ De Kol 2d's Butter Boy 129 A. R. Lunde Beauty 1155 A. R. O. In 1 y. 11 m. 17 d., 9.473 lbs. fat.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved January 26, 1899.

Official Butter Record: Dropped calf October 14, 1904, at 5 y. 8 m. 18 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 12.093 lbs. butter fat; milk 345 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3963. PONTIAC TRIUMPH 51590.**

PONTIAC TRIUMPH 3963 A. R. O. In 5 y. 2 m. 23 d., 15.809 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{ De Kol 2d's Butter Boy 129 A. R. Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
		Netherland Pietertje Hartog 1181 A. R. O. In 4 y. 1 m. 14 d., 10.972 lbs. fat.	{ Milla's Pietertje Netherland 83 A. R. Bessie Hartog 10361.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved October 19, 1899.

Official Butter Record: Dropped calf January 12, 1905, at 5 y. 2 m. 23 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 15.809 lbs. butter fat; milk 404 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3964. PONTIAC PAULINE PIETERTJE 53446.**

PONTIAC PAULINE PIETERTJE 3964 A. R. O. In 4 y. 3 m. 21 d., 12,415 lbs. fat.	Pontiac Pauline Paul 178 A. R.	{ Pauline Paul's De Kol 180 A. R. Bessie De Vries 3d 40945.
	Aaggie Pietertje De Kol 1631 A. R. P. In 2 y. 1 m. 17 d., 10,350 lbs. milk 1 y.	{ De Kol 2d's Butter Boy 129 A. R. Aaggie Lily Inka Pietertje 1299 A. R. P. In 2 y. 1 m. 11 d., 9,739 lbs. milk 1 y.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved August 11, 1905.

Official Butter Record: Dropped calf December 2, 1904, at 4 y. 3 m. 21 d. of age; commenced record January 30, 1905; closed record February 5; 7 days' production 12,415 lbs. butter fat; milk 340 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3965. DETRY BELLE 59825.**

DETRY BELLE 3965 A. R. O. In 4 y. 8 m. 28 d., 12,746 lbs. fat.	Duke of Livonia 23888.	{ Ross Griffith 18733. Detry 20887.
	Detry 20887.	{ Gladi 2445. De Jong's Sneeker 2d 993 D. F. H. B.

Owned by Eastern Michigan Asylum, Pontiac, Mich. Bred by J. M. Simmons, Northville, Mich. Calved April 10, 1900.

Official Butter Record: Dropped calf January 8, 1905, at 4 y. 8 m. 28 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 12,746 lbs. butter fat; milk 375 lbs.

Attested by Clark L. Brody, Michigan Agricultural Experiment Station.

**NO. 3966. CLOTHILDE DE VRIES DE KOL 54599.**

CLOTHILDE DE VRIES DE KOL 3966 A. R. O. In 4 y. 11 m. 29 d., 49,143 lbs. fat 30 d.	Count Pauline Paul De Kol 27829.	{ Pauline Paul's De Kol 180 A. R. Bessie De Vries 2d 33385.
	Bessie Clothilde 25385.	{ Count Clothilde 9915. Bessie De Vries 1209 A. R. O. In 8 y. 8 m. 8 d., 12,875 lbs. fat.

Owned and bred by F. W. Allis, Madison, Wis. Calved January 3, 1900.

Description: Age, 5 y. 1 m. 4 d.; dairy and beef form; head, moderately long, moderately clean; neck, straight, clean; chine, straight, fairly prominent; loin and hips, long, wide, strong; rump, slightly drooping, wide; escutcheon, good; mammary veins, very large, long; udder flexible, very capacious, forequarters moderately large; teats, good; handling, good; secretions of skin, oily, brown; general appearance, healthy, vigorous; height, shoulders 53.5 inches, hips 54; length, body 63.5, rump 21; width, hips 23, thurl 20.5; girth 76.5; weight, 1,225 lbs. Est.; examiner, O. J. Hanzlik; examined February 7, 1905.

Official Butter Record: Dropped calf January 2, 1905, at 4 y. 11 m. 29 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 12.064 lbs. butter fat; milk 409.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 2, 1905, at 4 y. 11 m. 29 d. of age; commenced record January 8, 1905; closed record February 6; 30 days' production 49.143 lbs. butter fat; milk 1,667.8 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### EASLE GROTON 6TH 3232 A. R. O. 61165.

EASLE GROTON 6th 3232 A. R. O. In 2 y. 11 m. 22 d., 11.620 lbs. fat.	{	Johanna Rue 2d's Paul De Kol 187 A. R.	{ Paul Mutual De Kol 18726.
			{ Johanna Rue 2d 1105 A. R. O. In 5 y. 3 m. 13 d., 17.027 lbs. fat.
	{	Easle Groton 2255 A. R. O. In 11 y. 10 m. 27 d., 15.794 lbs. fat.	{ Lily of Cedarside's Prince 7490. Black Cherric 2d 1555.

Owned by John B. Irwin, Minneapolis, Minn.

[Entry of additional records. For previous records see Vol. XV, page 244.]

Second Official Butter Record: Dropped calf January 7, 1905, at 2 y. 11 m. 22 d. of age; commenced record January 14, 1905; closed record January 20; 7 days' production 11.620 lbs. butter fat; milk 309.6 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

#### MADRIGAL OF BELMONT 2738 A. R. O. 61975.

MADRIGAL OF BELMONT 2738 A. R. O. In 5 y. 1 m. 7 d., 16.163 lbs. fat.	{	May Overton Mechthilde 24671.	{ May Overton's Sir Henry Mechthilde 309 W. Manana 2d 18854.
	{	Madrigal 2d 1326.	{ Dirk 2663 H. Madrigal 1920 H.

Owned by John B. Irwin, Minneapolis, Minn.

[Entry of additional records. For previous records see Vol. XIV, page 191, Vol. XV, page 244.]

Third Official Butter Record: Dropped calf December 26, 1904, at 5 y. 1 m. 7 d. of age; commenced record January 8, 1905; closed record January 14; 7 days' production 16.163 lbs. butter fat; milk 465.7 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

### FERNDALE INKA 2D 2202 A. R. O. 49539.

FERNDALE INKA 2d 2202 A. R. O. In 5 y. 7 m. 25 d., 16.146 lbs. fat.	{ Mechthilde Josephine Chief 175 A. R. { Gerben Mechthilde Sir Henry 23595. Empress Josephine's Lady Mechthilde 43735.	
		{ Ferndale Inka 49538. { Black Prince Clothilde 183 A. R. Inka 2d's Pietertje Queen 20330.

Owned by John B. Irwin, Minneapolis, Minn.

[Entry of additional records. For previous records see Vol. XIII, pages 149 and 247, Vol. XV, page 243.]

Fourth Official Butter Record: Dropped calf December 29, 1904, at 5 y. 7 m. 25 d. of age; commenced record January 7, 1905; closed record January 13; 7 days' production 16.146 lbs. butter fat; milk 430 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

### NO. 3967. EASLE JOHANNA DE KOL 61166.

✓ EASLE JOHANNA DE KOL 3967 A. R. O. In 3 y. 24 d., 11.546 lbs. fat.	{ Johanna Rue 2d's Paul De Kol 187 A. R. { Paul Mutual De Kol 18726. Johanna Rue 2d 1105 A. R. O. In 5 y. 3 m. 13 d., 17.027 lbs. fat.	
		{ Easle Groton 4th 2109 A. R. O. In 3 y. 7 m. 20 d., 13.664 lbs. fat. { Wartena Netherland Prince 128 A. R. Easle Groton 2255 A. R. O. In 11 y. 10 m. 27 d., 15.794 lbs. fat.

Owned by John B. Irwin, Minneapolis, Minn. Bred by T. S. Tompkins, White Bear Lake, Minn. Calved September 17, 1901.

Official Butter Record: Dropped calf October 11, 1904, at 3 y. 24 d. of age; commenced record January 13, 1905; closed record January 19; 7 days' production 11.546 lbs. butter fat; milk 333.1 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

**NO. 3968. OPHELIA MAID HENGERVERELD DE KOL 63287.**

<b>OPHELIA MAID HENGERVERELD DE KOL 3968</b> A. R. O. In 2 y. 7 m. 6 d., 9.278 lbs. fat.	{ Pietertje Hengerveld's Count De Kol 135 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
		{ Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
	{ Ophelia 7th's Maid 54628.	{ Pauline Paul's Grandson's Clothilde 279 A. R.
		{ Ophelia 7th 36875.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved May 22, 1902.

Official Butter Record: Dropped calf December 28, 1904, at 2 y. 7 m. 6 d. of age; commenced record January 13, 8.30 p. m., 1905; closed record January 20, 12.30 p. m.; 7 days' production 9.278 lbs. butter fat; milk 273.9 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NO. 3969. SANESTA 4TH'S MAID 2D 66382.**

<b>SANESTA 4th's MAID 2d</b> 3969 A. R. O. In 2 y. 3 m. 28 d., 10.106 lbs. fat.	{ Ornetta 2d's Duke 28407.	{ Pauline Paul's Grandson's Clothilde 279 A. R.
		{ Ornetta 2d 43796.
	{ Sanesta 4th's Maid 54637.	{ Lucy Nudine 2d's Monk 23626.
		{ Sanesta 4th 41445.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved September 6, 1902.

Official Butter Record: Dropped calf January 4, 1905, at 2 y. 3 m. 28 d. of age; commenced record January 13, 8.30 p. m., 1905; closed record January 20, 12.30 p. m.; 7 days' production 10.106 lbs. butter fat; milk 319.6 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NO. 3970. BAWN DE KOL HENGERVERELD 63280.**

<b>BAWN DE KOL HENGERVERELD 3970 A. R. O.</b> In 2 y. 7 m. 11 d., 10.028 lbs. fat.	{ Pietertje Hengerveld's Count De Kol 135 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
		{ Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
	{ Bawn Buckeye 3d 4034 A. R. O. In 6 y. 10 m. 12 d., 13.158 lbs. fat.	{ Monk Lyons 21327.
		{ Bawn Buckeye 34770.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved May 20, 1902.

Official Butter Record: Dropped calf January 1, 1905, at 2 y. 7 m. 11 d. of age; commenced record January 14, 8.30 p. m., 1905; closed record January 21, 12.30 p. m.; 7 days' production 10.028 lbs. butter fat; milk 365.7 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.



**NO. 3971. JEEK QUEEN 4TH 63959.**

JEEK QUEEN 4th 3971 A. R. O. In 2 y. 3 d., 10.353 lbs. fat.	{	Netherland Clothilde Aaggie 315 A. R.	{	Pasha Clothilde 20513.  Aaggie's Second Daughter 900 A. R. P. In 2 y. 25 d., 15 lbs. 1 oz. butter by churn.
		Jeek Queen 2732 A. R. O. In 6 y. 24 d., 17.108 lbs. fat.		{ Jeek's Prince 234 A. R. Fairlawn Queen's Mercedes 15490.

Owned by Guild & Roberts, Rupert, Vt. Bred by J. R. Elliott, Woodward, Ia.  
Calved December 28, 1902.

Official Butter Record: Dropped calf December 31, 1904, at 2 y. 3 d. of age;  
commenced record January 9, 11 a. m., 1905; closed record January 16, 5 a. m.;  
7 days' production 10.353 lbs. butter fat; milk 285.3 lbs.

Attested by George H. West, Cornell University Agricultural Experiment  
Station.

**NO. 3972. ALMELA LUCELIA DE KOL 54069.**

ALMELA LUCELIA DE KOL 3972 A. R. O. In 4 y. 8 m. 8 d., 13.355 lbs. fat.	{	Manor Paul 23619.	{	Manor De Kol 130 A. R.  Tirania Pauline De Kol 39521.
		Lucelia 5th 44657.		{ Ada Merdu's Sir Henry 23646. Lucelia 1546 D. F.

Owned by Guild & Roberts, Rupert, Vt. Bred by H. Merle Bottum, Shaftsbury  
Depot, Vt. Calved March 20, 1900.

Official Butter Record: Dropped calf November 28, 1904, at 4 y. 8 m. 8 d.  
of age; commenced record December 24, 5 p. m., 1904; closed record December  
31, 11 a. m.; 7 days' production 13.355 lbs. butter fat; milk 437.7 lbs.

Attested by George H. West, Cornell University Agricultural Experiment  
Station.

**NO. 3973. AGNES MERDU PAULINE 59055.**

AGNES MERDU PAULINE 3973 A. R. O. In 3 y. 8 m. 17 d., 13.876 lbs. fat.	{	Manor Paul 23619.	{	Manor De Kol 130 A. R.  Tirania Pauline De Kol 39521.
		Merdu 5th 44658.		{ Lucelia's Sir Henry 22071. Merdu 1517 D. F.

Owned by Guild & Roberts, Rupert, Vt. Bred by H. Merle Bottum, Shaftsbury  
Depot, Vt. Calved March 15, 1901.

Official Butter Record: Dropped calf December 2, 1904, at 3 y. 8 m. 17 d. of age; commenced record December 26, 1904; closed record January 2, 1905; 7 days' production 13.876 lbs. butter fat; milk 387.4 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

# **NO. 3974. MEADOW BROOK MARY DEANE 53423.**

MEADOW BROOK MARY  
DEANE 3974 A. R. O. In  
4 y. 8 m. 19 d., 13.755 lbs.  
fat.

Osiris Aaggie 2d 27004.

Osiris Aaggie 20428.

Queen of West Rutland  
25560.

Mary Deane 28410.

Lodema Akkrum's Neptune  
14393.

Carrie Deane 3d 13434.

Owned by Guild & Roberts, Rupert, Vt. Bred by W. C. Mason, Pawlet, Vt.  
Calved March 30, 1900.

Official Butter Record: Dropped calf December 19, 1904, at 4 y. 8 m. 19 d. of age; commenced record January 3, 1905; closed record January 9; 7 days' production 13.755 lbs. butter fat; milk 474.1 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

# **NO. 3975. BESSIE WITHOORN PAULINE 59058.**

BESSIE WITHOORN  
PAULINE 3975 A. R. O.  
In 3 y. 8 m. 21 d., 15.710  
lbs. fat.

Manor Paul 23619.

Manor De Kol 130 A. R.

Tirania Pauline De Kol  
39521.

Withie 4th 43542.

Utica 2d 14367.

Withie 12657.

Owned by Guild & Roberts, Rupert, Vt. Bred by H. Merle Bottum, Shaftsbury  
Depot, Vt. Calved March 10, 1901.

Official Butter Record: Dropped calf December 1, 1904, at 3 y. 8 m. 21 d. of age; commenced record December 27, 1904; closed record January 3, 1905; 7 days' production 15.710 lbs. butter fat; milk 426 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**BEAUTY OF NINON'S PIETERTJE 2332 A. R. O. 42026.**

BEAUTY OF NINON'S PIETERTJE 2332 A. R. O. In 8 y. 9 m. 5 d., 19.361 lbs. fat.	{	Inka's Pietertje Duke 141 A. R.	{	Milla's Pietertje Netherland 83 A. R.
		Beauty of Ninon 4541 H.		Inka 514 A. R. P. In 12 y., 20 lbs. 2 oz. butter by churn.

Owned by W. L. Keyes, Deerfield, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 223.]

Second Official Butter Record: Dropped calf January 6, 1905, at 8 y. 9 m. 5 d. of age; commenced record January 19, 12 m., 1905; closed record January 26, 4 a. m.; 7 days' production 19.361 lbs. butter fat; milk 535.5 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**NO. 3976. TRIPLE KONINGEN 39463.**

TRIPLE KONINGEN 3976 A. R. O. In 9 y. 9 m. 7 d., 12.837 lbs. fat.	{	Koningen Imperial 195 A. R.	{	Aaggie Ella's Imperial 16549.
		Empire Konigen 31094.		Amarilla's Konigen 1531 A. R. O. In 10 y. 7 m. 12 d., 13.160 lbs. fat.
			{	Niobe Spofford's Empire 15397.
			{	Amarilla's Konigen 1531 A. R. O. In 10 y. 7 m. 12 d., 13.160 lbs. fat.

Owned by W. A. Carr, Vesper, N. Y. Bred by Charles Hunt, Delphi, N. Y.  
Calved March 18, 1895.

Official Butter Record: Dropped calf December 25, 1904, at 9 y. 9 m. 7 d. of age; commenced record January 10, 1905; closed record January 16; 7 days' production 12.837 lbs. butter fat; milk 476.1 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**NO. 3977. DE KOL AAGGIE LA POLKA 56750.**

DE KOL AAGGIE LA POLKA 3977 A. R. O. In 4 y. 7 m. 18 d., 13.722 lbs. fat.	{	De Kol 2d's Paul De Kol Beauty 25461.	{	De Kol 2d's Paul De Kol 107 A. R.
		La Polka's Aaggie 2d 52157.		Lilith's Beauty 2d 1369 A. R. O. In 8 y. 3 m. 12 d., 32.315 fat 14 d.
			{	Sir Duke Aaggie 15352.
			{	La Polka's Aaggie 29168.

Owned by W. A. Carr, Vesper, N. Y. Bred by George H. Ensign, Nelson, N. Y.  
Calved April 29, 1900.

Official Butter Record: Dropped calf December 17, 1904, at 4 y. 7 m. 18 d. of age; commenced record January 10, 1905; closed record January 16; 7 days' production 13.722 lbs. butter fat; milk 348.3 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

### MONDAMIN PIETERTJE DE KOL 2038 A. R. O. 48312.

MONDAMIN PIETERTJE DE KOL 2038 A. R. O. In 6 y. 8 m. 28 d., 15.695 lbs. fat.	{	Korndyke Queen's Sir De Kol 301 A. R.	{	Manor De Kol 130 A. R.
				Korndyke Queen 1271 A. R. O. In 4 y. 1 m. 9 d., 16.558 lbs. fat.
		Mondamin's Pietertje 1780 A. R. O. In 5 y. 5 m. 1 d., 14.974 lbs. fat.		{ Sir Inka Pietertje 19172. Mondamin 6240 H.

Owned by W. A. Carr, Vesper, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 57.]

Second Official Butter Record: Dropped calf December 8, 1904, at 6 y. 8 m. 28 d. of age; commenced record January 8, 12.30 p. m., 1905; closed record January 15, 4.30 a. m.; 7 days' production 15.695 lbs. butter fat; milk 491.8 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

### NO. 3978. BESSIE MONK 44755.

BESSIE MONK 3978 A. R. O. In 8 y. 3 m. 13 d., 14.499 lbs. fat.	{	Adam Clothilde 23635.	{	Bonanza Prince Artis 19083.
				Idene Rooker 3d's Clothilde 25863.
		Netherland Monk's Bonanza 25862.		{ Netherland Monk 4424 H. Netherland Bonanza 11446.

Owned by W. A. Carr, Vesper, N. Y. Bred by T. S. & J. F. Steele, Shushan, N. Y. Calved August 18, 1896.

Official Butter Record: Dropped calf December 1, 1904, at 8 y. 3 m. 13 d. of age; commenced record January 10, 1905; closed record January 16; 7 days' production 14.499 lbs. butter fat; milk 456.7 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**DAISY A. MERCEDES 4TH'S DE KOL 2181 A. R. O. 53641.**

<b>DAISY A. MERCEDES</b> 4th's DE KOL 2181 A. R. O. In 5 y. 2 m. 18 d., 15.148 lbs. fat.	{	De Kol 2d's Paul De Kol No. 2 154 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				May Hartog of Brookside 1174 A. R. O. In 3 y. 4 m. 23 d., 14.609 lbs. fat.
		Daisy A. Mercedes 4th 2180 A. R. O. In 4 y. 1 m. 9 d., 11.687 lbs. fat.		Jeltje S.' Netherland's Pieterjtje 156 A. R.
				Daisy A. Mercedes 1423 A. R. O. In 11 y. 7 m. 10 d., 13.491 lbs. fat.

Owned by M. H. Gardner, Darien, Wis.

[Entry of additional records. For description and previous records see Vol. XIII, page 136, Vol. XV, page 267.]

Description: Age, 5 y. 3 m. 9 d.; milk and beef form; head, proportionate, symmetrical; neck, medium length, slightly drooping; chine, slightly roached, fairly broad, open vertebræ; loin and hips, medium strength, level; rump, level, trifle uneven; escutcheon, medium size, excellent quality; mammary veins, good length, large; udder capacious, very flexible, forequarters trifle deficient; teats, good; handling, superior; secretions of skin, not abundant, yellow; general appearance, vigorous, fine, fairly symmetrical; height, shoulders 56 inches, hips 56; length, body 68, rump 22; width, hips 24, thurl 21.5; girth 77; examiner, A. J. Meyer; examined February 6, 1905.

Third Official Butter Record: Dropped calf January 15, 1905, at 5 y. 2 m. 18 d. of age; commenced record January 28, 1 p. m., 1905; closed record February 4, 7 a. m.; 7 days' production 15.148 lbs. butter fat; milk 494 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

**NO. 3979. GRACIE DE KOL JOHANNA 63868.**

<b>GRACIE DE KOL JOHANNA</b> 3979 A. R. O. In 2 y. 7 m. 21 d., 12.710 lbs. fat.	{	Sir Johanna Friend Clothilde 196 A. R.	{	Sarcastic Lad 194 A. R.
				Johanna Friend 45164.
		Gracie G.'s De Kol 53645.	{	De Kol 2d's Paul De Kol No. 2 154 A. R. 23366.
				Gracie G. 45659.

Owned and bred by M. H. Gardner, Darien, Wis. Calved May 26, 1902.

Description: Age, 2 y. 8 m. 10 d.; milk and beef form; head, proportionate, coarse; neck, medium length, heavy; chine, very broad, trifle swayed, fairly open vertebræ; loin and hips, very strong, rounded; rump, slightly drooping, uneven; escutcheon, fair size, medium quality; mammary veins, long, good size; udder, capacious, moderately flexible, forequarters trifle deficient; teats, good; handling, rather heavy; secretions of skin, not abundant; general appearance, vigorous, coarse, unsymmetrical; height, shoulders 52.5 inches, hips 52; length, body 62, rump 20; width, hips 21, thurl 17.5; girth 75.5; examiner, A. J. Meyer; examined February 6, 1905.



Official Butter Record: Dropped calf January 17, 1905, at 2 y. 7 m. 21 d. of age; commenced record January 30, 7 a. m., 1905; closed record February 6, 1 a. m.; 7 days' production 12.710 lbs. butter fat; milk 403.7 lbs.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

# **NO. 3980. BARBETTA BEAUTY COLANTHUS 47588.**

BARBETTA BEAUTY COLANTHUS 3980 A. R. O. In 7 y. 4 d., 12.518 lbs. fat.	{	Barbetta's Colanthus 331 A. R.	{	Partheneas' Colanthus 186 A. R.
				Barbetta 10052.
	{	Aaggie Colanthus 2172 A. R. O. In 6 y. 10 m. 13 d., 12.806 lbs. fat.	{	Partheneas' Colanthus 186 A. R.
				Kate Aaggie 34583.

Owned by A. C. Demerit & Son, Lake Mills, Wis. Bred by John Youngman, Watertown, Wis. Calved January 8, 1898.

Description: Age, 7 y. 20 d.; dairy type, milk form; head, clean cut, good length; neck, good length, clean cut; chine, broad, open vertebræ; loin and hips, broad, level; rump, good length, level; escutcheon, silky, good width; mammary veins, large, long; udder, flexible, well balanced, quarters even; teats, good, well placed; handling, good; secretions of skin, yellow, abundant; general appearance, vigorous; height, shoulders 49.5 inches, hips 52.5; length, body 61, rump 20; width, hips 21, thurl 20; girth 76; weight, 1,100 lbs.; examiner, James A. Ford; examined January 28, 1905.

Official Butter Record: Dropped calf January 12, 1905, at 7 y. 4 d. of age; commenced record January 21, 1905; closed record January 27; 7 days' production 12.518 lbs. butter fat; milk 356.9 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

# **NO. 3981. INDI SURPRISE DE KOL 62699.**

INDI SURPRISE DE KOL 3981 A. R. O. In 2 y. 1 m. 19 d., 9.415 lbs. fat.	{	Lord Indi De Kol 29882.	{	Count Pauline Paul De Kol 27829.
				Lady Indi 3729 A. R. O. In 7 y. 2 m. 23 d., 12.486 lbs. fat.
	{	Princess Surprise De Kol 59601.	{	Prince Surprise 28085.
				Dianeira Clothilde De Kol 39085.

Owned and bred by F. W. Allis, Madison, Wis. Calved November 18, 1902.

Description: Age, 2 y. 2 m. 19 d.; dairy form; head, proportionate, symmetrical; neck, medium length, straight; chine, straight, wide; loin and hips, wide, strong; rump, wide, moderately high; escutcheon, good; mammary veins, long, large; udder, symmetrical, capacious, quarters even; teats, good; handling, superior; secretions of skin, abundant, oily; general appearance, healthy,

vigorous; height, shoulders 51 inches, hips 53.5; length, body 60, rump 19.5; width, hips 19, thurl 18.5; girth 68.5; weight 925 lbs. Est.; examiner, O. J. Hanzlik; examined February 7, 1905.

Official Butter Record: Dropped calf January 7, 1905, at 2 y. 1 m. 19 d. of age; commenced record January 18, 1905; closed record January 24; 7 days' production 9.415 lbs. butter fat; milk 296.6 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

# **NO. 3982. DE MAR 3D'S TORCHLIGHT 63327.**

DE MAR 3d's TORCH-  
LIGHT 3982 A. R. O. In  
2 y. 9 m. 12 d., 10.041 lbs.  
fat.

Torchlight 2d's Duke 26463.

{ Peter McG. 22792.

{ Torchlight 2d 6457.

{ De Mar 3d 51576.

{ Hampden Boy 277 A. R.

{ De Mar 20022.

Owned and bred by A. C. Demerit & Son, Lake Mills, Wis. Calved February 16, 1902.

Description: Age, 2 y. 10 m. 23 d.; milk and dairy form; head, a little short, clean cut, dishing; neck, good length; chine, broad, fairly open vertebræ; loin and hips, broad, level; rump, a little sloping, high pelvic; escutcheon, soft; mammary veins, a little short, good size; udder, a little small, quarters even; teats, small; handling, good; secretions of skin, yellow, abundant; general appearance, vigorous; height, shoulders 53 inches, hips 54.5; length, body 61, rump 19; width, hips 20, thurl 19.5; girth 76; weight, 1,050 lbs.; examiner, James A. Ford; examined January 9, 1905.

Official Butter Record: Dropped calf November 28, 1904, at 2 y. 9 m. 12 d. of age; commenced record December 29, 1904; closed record January 5, 1905; 7 days' production 10.041 lbs. butter fat; milk 257.4 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

# **NO. 3983. FLORA SUMMERS 61724.**

FLORA SUMMERS 3983 A.  
R. O. In 3 y. 18 d., 9.798  
lbs. fat.

{ De Kol Alban Echo 25144.

{ De Kol 2d's Alban 114 A. R.

{ Echo Belle 42901.

{ Flora T. 28668.

{ Netherland Terzool 5897.

{ Lady Beachwood 2d 6309.

Owned by A. C. Demerit & Son, Lake Mills, Wis. Bred by W. E. Evans, Fort Atkinson, Wis. Calved October 28, 1901.

Description: Age, 3 y. 2 m. 11 d.; dairy form; head, good length, clean cut; neck, good length, clean cut; chine, broad, open vertebræ; loin and hips, broad, very level; rump, straight, good length; escutcheon, large, silky; mammary veins,

good size, long; udder, a little meaty, soft, flexible, quarters even; teats, good size; handling, good; secretions of skin, yellow, plenty; general appearance, vigorous; height, shoulders 50 inches, hips 52; length, body 53, rump 18; width, hips 18.5, thurl 18.75; girth 68; weight 950 lbs.; examiner, James A. Ford; examined January 9, 1905.

Official Butter Record: Dropped calf November 16, 1904, at 3 y. 18 d. of age; commenced record December 30, 1904; closed record January 5, 1905; 7 days' production 9.798 lbs. butter fat; milk 261.2 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

### AAGGIE BARBETTA 3108 A. R. O. 42145.

AAGGIE BARBETTA 3108 A. R. O. In 8 y. 7 m. 23 d., 65.028 lbs. fat 30 d.	{	Barbetta's Colanthus 331 A. R.	{	Parthenea's Colanthus 186 A. R.
				Barbetta 10052.
	{	Sadie Aaggie 1921 A. R. O. In 9 y. 5 m. 17 d., 12.858 lbs. fat.	{	Sir Aaggie Pietertje 208 A. R.
				Pearl of Spring Brook 2269 A. R. O. In 10 y. 8 m. 7 d., 16.159 lbs. fat.

Owned by A. C. Demerit & Son, Lake Mills, Wis.

[Entry of additional records. For description and previous records see Vol. XV, page 169.]

Second Official Butter Record: Dropped calf December 13, 1904, at 8 y. 7 m. 23 d. of age; commenced record December 31, 1904; closed record January 7, 1905; 7 days' production 16.288 lbs. butter fat; milk 378.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 13, 1904, at 8 y. 7 m. 23 d. of age; commenced record January 3, 1905; closed record January 17; 14 days' production 31.855 lbs. butter fat; milk 793 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf December 13, 1904, at 8 y. 7 m. 23 d. of age; commenced record December 29, 1904; closed record January 28, 1905; 30 days' production 65.028 lbs. butter fat; milk 1,663.2 lbs.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

### NO. 3984. SAN TOY 60328.

SAN TOY 3984 A. R. O. In 3 y. 8 m. 16 d., 13.272 lbs. fat.	{	Gerben Hengerveld Sir De Kol 26780.	{	Netherland Hengerveld's Lord De Kol 23396.
				Shadybrook Gerben 1323 A. R. O. In 6 y. 9 m. 8 d., 18.610 lbs. fat.
	{	Bessie McKinley 2358 A. R. O. In 6 y. 7 m. 9 d., 133.030 lbs. fat 84 d.	{	Governor McKinley 18795.
				Bessie I. 2d of Uplands 9804 H. H. B.

Owned and bred by University of Nebraska, Lincoln, Neb. Calved September 29, 1901.

Official Butter Record: Dropped calf January 15, 1905, at 3 y. 3 m. 16 d. of age; commenced record January 22, 1905; closed record January 28; 7 days' production 13.272 lbs. butter fat; milk 347.4 lbs.

Attested by Merle Little, Nebraska Agricultural Experiment Station.

### KAREN 2D 2627 A. R. O. 55815.

KAREN 2d 2627 A. R. O. In 4 y. 2 m. 7 d., 52.310 lbs. fat 30 d.	{	Clothilde Chief 20994.	{	Oatka Chief 18410.
				Figridia's Clothilde 31869.
	{	Karen 11902.	{	Sir Raus 4261 H.
				Mantema 2d 428.

Owned by University of Nebraska, Lincoln, Neb.

[Entry of additional records. For previous records see Vol. XIV, page 131, Vol. XV, page 324.]

Third Official Butter Record: Dropped calf January 15, 1905, at 5 y. 2 m. 5 d. of age; commenced record January 22, 1905; closed record January 28; 7 days' production 12.537 lbs. butter fat; milk 366.1 lbs.

Attested by Merle Little, Nebraska Agricultural Experiment Station.

### NO. 3985. LARCOLA 58248.

LARCOLA 3985 A. R. O. In 3 y. 7 m. 1 d., 12.552 lbs. fat.	{	Colie Lad 27296.	{	Plum 4th's Clothilde Monk 22130.
				Colie 3d's C. 2235 A. R. O. In 4 y. 10 m. 24 d., 17.420 lbs. fat.
	{	Larka 3d A. 41845.	{	Gelsche 4th's Hamilton 20765.
				Larka 3d 31085.

Owned by T. A. Mitchell, Weedsport, N. Y. Bred by Charles A. Wheeler, Deposit, N. Y. Calved May 31, 1901.

Official Butter Record: Dropped calf January 2, 1905, at 3 y. 7 m. 1 d. of age; commenced record January 20, 1905; closed record January 27; 7 days' production 12.552 lbs. butter fat; milk 412.5 lbs.

Second Official Butter Record: Dropped calf January 2, 1905, at 3 y. 7 m. 1 d. of age; commenced record March 8, 1905; closed record March 14; 7 days' production 13.504 lbs. butter fat; milk 430.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 2, 1905, at 3 y. 7 m. 1 d. of age; commenced record February 27, 10 p. m., 1905; closed record March 29, 4 p. m.; 30 days' production 54.955 lbs. butter fat; milk 1,731.2 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

### TEHEE ARTIS PAUL 3192 A. R. O. 44891.

TEHEE ARTIS PAUL 3192 A. R. O. In 7 y. 7 m. 19 d., 15.196 lbs. fat.	{	Paul Beets De Kol 113 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
		Aaggie Tehee 3d's Artis Clothilde 35089.	{	Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
			{	Artis Adiantum's Clothilde 116 A. R.
			{	Aaggie Tehee 3d 29312.

Owned by T. A. Mitchell, Weedsport, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 221.]

Second Official Butter Record: Dropped calf December 15, 1904, at 7 y. 7 m. 19 d. of age; commenced record January 18, 1905; closed record January 24; 7 days' production 15.196 lbs. butter fat; milk 439 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

### PRIDE CLOTHILDE 3193 A. R. O. 44742.

PRIDE CLOTHILDE 3193 A. R. O. In 8 y. 1 m. 23 d., 13.732 lbs. fat.	{	Sir Clothilde 18167.	{	Sir Netherland Clothilde 86 A. R.
		Pride of Schillaard 2635.	{	Clothilde 2d 156 A. R. P. In 8 y. 9 m. 5 d., 3207-24 lbs. butter by churn 90 d.
			{	Prince of Schillaard 3215 H.
			{	Sis 8931 H.

Owned by T. A. Mitchell, Weedsport, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 221.]

Second Official Butter Record: Dropped calf December 27, 1904, at 8 y. 1 m. 23 d. of age; commenced record January 23, 1905; closed record January 30; 7 days' production 13.732 lbs. butter fat; milk 502.5 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.



**NO. 3986. SOUBRETTE 60203.**

SOUBRETTE 3986 A. R. O. In 2 y. 8 m. 23 d., 12.397 lbs. fat.	{	Sir Josephine of Aaggie 25414.	{	Second Sir Josephine Mechthilde 24478.
				Lady Anna's Aaggie 1115.
	{	Pietertje Lady Wonder De Kol 2843 A. R. O. In 3 y. 8 m. 18 d., 13.885 lbs. fat.	{	St. Peter Paul De Kol 239 A. R.
				Pietertje Lady Wonder 1560 A. R. O. In 2 y. 1 m. 11 d., 8.999 lbs. fat.

Owned and bred by R. M. Hotaling, San Francisco, Cal. Calved April 24, 1902.

Official Butter Record: Dropped calf January 17, 1905, at 2 y. 8 m. 23 d. of age; commenced record January 25, 1905; closed record January 31; 7 days' production 12.397 lbs. butter fat; milk 358.6 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**NO. 3987. ZEPHYR OF SLEEPY HOLLOW 57008.**

ZEPHYR OF SLEEPY HOLLOW 3987 A. R. O. In 3 y. 9 m. 25 d., 60.165 lbs. fat 30 d.	{	Tirania 2d's Zozo Paul 22569.	{	Paul Zozo Prince 16834.
				Tirania 2d 12695.
	{	Fee Dee Lee Chee 51015.	{	Fillmore 6165.
				Crumple 7410.

Owned and bred by R. M. Hotaling, San Francisco, Cal. Calved March 3, 1901.

Official Butter Record: Dropped calf December 28, 1904, at 3 y. 9 m. 25 d. of age; commenced record February 1, 1905; closed record February 7; 7 days' production 14.387 lbs. butter fat; milk 419.6 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf December 28, 1904, at 3 y. 9 m. 25 d. of age; commenced record January 9, 1905; closed record February 7; 30 days' production 60.165 lbs. butter fat; milk 1,890.6 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**NO. 3988. VOGELSCHEN 60583.**

VOGELSCHEN 3988 A. R. O. In 2 y. 9 m. 16 d., 9.438 lbs. fat.	{	Mechthilde's Careme Colantha 22818.	{	Careme's Union Pacific 17525.
				Mechthilde 6718 H. H. B.
	{	Muttertrue 2d's Blackbird 39681.	{	Alry 2d's Glenellen 19415.
				Muttertrue 2d 26925.

Owned by R. M. Hotaling, San Francisco, Cal. Calved March 18, 1902.

Official Butter Record: Dropped calf January 4, 1905, at 2 y. 9 m. 16 d. of age; commenced record January 15, 1905; closed record January 21; 7 days' production 9.438 lbs. butter fat; milk 322.5 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**NO. 3989. ENTRE NOO 61854.**

ENTRE NOO 3989 A. R. O. In 2 y. 8 m. 20 d., 10.961 lbs. fat.	{	Johanna 5th's Paul De Kol 22372.	{ Paul De Kol Clothilde 123 A. R. Johanna 5th 1104 A. R. O. In 7 y. 4 m. 10 d., 17.640 lbs. fat.
		Netherland Margaret 38874.	{ Mountain Boy Mooie 21916. Tina C. Netherland 24773.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by Paris Gibson, Great Falls, Mont. Calved May 5, 1902.

Official Butter Record: Dropped calf January 25, 1905, at 2 y. 8 m. 20 d. of age; commenced record February 3, 1905; closed record February 9; 7 days' production 10.961 lbs. butter fat; milk 315 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**NO. 3990. DAY DREAM OF SLEEPY HOLLOW 57005.**

DAY DREAM OF SLEEPY HOLLOW 3990 A. R. O. In 3 y. 10 m. 3 d., 12.820 lbs. fat.	{	Homestead Barnum Paul De Kol 25529.	{ Pietertje Hengerveld's Paul De Kol 109 A. R. Fay Barnum 15681.
		Mary Peddler 51092.	{ Katie of Pacific's King 13324. Duke of Obispo's Alice of Pacific 29603.

Owned and bred by R. M. Hotaling, San Francisco, Cal. Calved February 28, 1901.

Official Butter Record: Dropped calf January 1, 1905, at 3 y. 10 m. 3 d. of age; commenced record January 14, 1905; closed record January 21; 7 days' production 12.820 lbs. butter fat; milk 393.7 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**NO. 3991. SLUMBER SONG 61861.**

SLUMBER SONG 3991 A. R. O. In 2 y. 6 m. 9 d., 13.015 lbs. fat.	{	Homestead Barnum Paul De Kol 25529.	{ Pietertje Hengerveld's Paul De Kol 109 A. R. Fay Barnum 15681.
		Eusebia De Kol West 49180.	{ Netherland De Kol's Perfection 223 A. R. Eusebia 2d's Maid 32005.

Owned and bred by R. M. Hotaling, San Francisco, Cal. Calved June 17, 1902.

Official Butter Record: Dropped calf December 26, 1904, at 2 y. 6 m. 9 d. of age; commenced record January 6, 1905; closed record January 12; 7 days' production 13.015 lbs. butter fat; milk 355.7 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

#### NO. 3992. STEWED PRUNE 52340.

STEWED PRUNE 3992 A.  
R. O. In 4 y. 7 m. 5 d.,  
62.575 lbs. fat 30 d.

{ Esnard 23082.

{ Entranable 20982.

{ Yaravi 19449.

{ Preciosa Fatina 51006.

{ Ant Poel's Prince of Wales  
352 A. R.

{ Fatina Moinie 7414.

Owned and bred by R. M. Hotaling, San Francisco, Cal. Calved May 10, 1900.

Official Butter Record: Dropped calf December 15, 1904, at 4 y. 7 m. 5 d. of age; commenced record January 19, 1905; closed record January 26; 7 days' production 15.356 lbs. butter fat; milk 469.3 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf December 15, 1904, at 4 y. 7 m. 5 d. of age; commenced record January 11, 1905; closed record February 10; 30 days' production 62.575 lbs. butter fat; milk 1,934.8 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

#### NO. 3993. S. H. NETHERLAND DE KOL BEETS 52072.

S. H. NETHERLAND DE  
KOL BEETS 3993 A. R.  
O. In 5 y. 3 d., 12.966  
lbs. fat.

{ Paul Beets De Kol 113 A. R.

{ De Kol 2d's Paul De Kol 107  
A. R.

{ Jessie Beets 1130 A. R. O.  
In 6 y. 8 m. 20 d., 15.445  
lbs. fat.

{ Small Hopes Netherland 2201  
A. R. O. In 9 y. 6 m. 11  
d., 14.071 lbs. fat.

{ Inka Princess Pietertje  
Netherland 95 A. R.

{ Small Hopes 194 A. R. P.  
In 2 y. 8 m. 11 d., 7.963  
9-16 lbs. milk 9 m. 18 d.

Owned by Frank Backman, Weedsport, N. Y. Bred by A. W. Brown, Unadilla Forks, N. Y. Calved December 6, 1899.

Official Butter Record: Dropped calf December 9, 1904, at 5 y. 3 d. of age; commenced record January 23, 1905; closed record January 30; 7 days' production 12.966 lbs. butter fat; milk 460.4 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

**NO. 3994. NELLIE RECTOR 2D 57432.**

NELLIE RECTOR 2d 3994 A. R. O. In 7 y. 7 m. 25 d., 12.260 lbs. fat.	{	Prince of Cloverdale 334 A. R.	{	Bettina's Rijaneta Herbert 11239.
				Rosa Beechwood 3392 H. H. B.
	{	Nellie Rector 1456 W.	{	Duff Rector 11922.
				Fraud 1454 W.

Owned and bred by A. J. Daugherty, Streator, Ill. Calved May 6, 1897.

Official Butter Record: Dropped calf December 31, 1904, at 7 y. 25 d. of age; commenced record January 14, 1905; closed record January 20; 7 days' production 12.260 lbs. butter fat; milk 351.8 lbs.

Attested by Morgan Harris, Illinois Agricultural Experiment Station.

**MAY RECTOR 1600 A. R. O. 1457 W.**

MAY RECTOR 1600 A. R. O. In 10 y. 6 m. 27 d., 65.428 lbs. fat 30 d.	{	Lord Cecil 1851 H.	{	Patula 2855 H.
	{	Meg Rector 1455 W.	{	Duff Rector 11922.
				Fraud 1454 W.

Owned by A. J. Daugherty, Streator, Ill.

[Entry of additional records. For previous records see Vol. XI, page 41, Vol. XIV, page 204.]

Third Official Butter Record: Dropped calf December 22, 1904, at 10 y. 6 m. 27 d. of age; commenced record January 5, 1905; closed record January 11; 7 days' production 16.672 lbs. butter fat; milk 539.6 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf December 22, 1904, at 10 y. 6 m. 27 d. of age; commenced record January 2, 1905; closed record February 1; 30 days' production 65.428 lbs. butter fat; milk 2,162.5 lbs.

Attested by Morgan Harris, Illinois Agricultural Experiment Station.

**ROYAL DE KOL QUEEN 3188 A. R. O. 57050.**

ROYAL DE KOL QUEEN 3188 A. R. O. In 3 y. 5 m. 19 d., 19.607 lbs. fat 14 d.	{	Royal Paul De Kol Perfection 25943.	{	Netherland De Kol's Perfection 223 A. R.
				Neta Paul 5522 H.
	{	Doetje Welling's De Kol 33691.	{	De Kol 2d's Netherland 118 A. R.
				Doetje Welling 525 A. R. P. In 6 y. 11 m. 12 d., 10,740 lbs. milk 7 m. 4 d.

Owned by Jarvis Brothers, Cooperstown, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 217.]

Second Official Butter Record: Dropped calf December 23, 1904, at 3 y. 5 m. 19 d. of age; commenced record January 11, 1905; closed record January 17; 7 days' production 9.920 lbs. butter fat; milk 301.9 lbs.

Official Butter Record. Fourteen consecutive days. Dropped calf December 23, 1904, at 3 y. 5 m. 19 d. of age; commenced record January 11, 1905; closed record January 24; 14 days' production 19.607 lbs. butter fat; milk 607.2 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

### REVONNA JEWEL SOLDENE MAID 3152 A. R. O. 55004.

REVONNA JEWEL SOLDENE MAID 3152 A. R. O. In 4 y. 12 d., 20.491 lbs. fat 14 d.	{	Sir Jewel Parthenea Soldene 322 A. R.	{ Senator Parthenea Mechthilde 22929.
			{ Colantha Jewel Soldene 41673.
		Revonna 29918.	{ Aunt Esther's Netherland 9830.
			{ Aurora's Pride 15541.

Owned by Jarvis Brothers, Cooperstown, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 192.]

Second Official Butter Record: Dropped calf December 13, 1904, at 4 y. 12 d. of age; commenced record January 13, 1905; closed record January 19; 7 days' production 10.720 lbs. butter fat; milk 315.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 13, 1904, at 4 y. 12 d. of age; commenced record January 11, 1905; closed record January 24; 14 days' production 20.491 lbs. butter fat; milk 610.6 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

### PAULINE DE KOL TUTTS 3153 A. R. O. 58377.

PAULINE DE KOL TUTTS 3153 A. R. O. In 8 y. 5 m. 6 d., 9.742 lbs. fat.	{	Count Jarie Pauline De Kol 25409.	{ Pauline Paul 2d's Count 190 A. R.
			{ Jarie Pauline De Kol 1419 A. R. O. In 7 y. 4 m. 16 d., 79.043 lbs. fat 30 d.
		Miss Tutts 2d 1370 A. R. O. In 3 y. 1 m. 4 d., 10.581 lbs. fat.	{ Jeike 2d's Aaggie Prince of Wayne 108 A. R.
			{ Miss Tutts 1162 A. R. O. In 8 y. 1 m. 2 d., 13.246 lbs. fat.

Owned by Jarvis Brothers, Cooperstown, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 193.]



Second Official Butter Record: Dropped calf January 10, 1905, at 3 y. 5 m. 6 d. of age; commenced record January 17, 8.30 p. m., 1905; closed record January 24, 12.30 p. m.; 7 days' production 9.742 lbs. butter fat; milk 328 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

#### NO. 3995. LADY WOODCREST 51813.

LADY WOODCREST 3995 A. R. O. In 5 y. 9 m. 24 d., 32.096 lbs. fat 14 d.	{	Woodcrest 23301.	{	Onondaga Champion 22131.
				Hamilton Charm 39920.
	{	Lady Rifton 41139.	{	Rifton 22520.
				Nona Princess 40393.

Owned and bred by J. W. Dimick, Rifton, N. Y. Calved February 27, 1899.

Official Butter Record: Dropped calf December 21, 1904, at 5 y. 9 m. 24 d. of age; commenced record January 9, 1905; closed record January 15; 7 days' production 16.600 lbs. butter fat; milk 512.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 21, 1904, at 5 y. 9 m. 24 d. of age; commenced record January 2, 1905; closed record January 15; 14 days' production 32.096 lbs. butter fat; milk 985.7 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

#### NO. 3996. CALAMITY PIETERTJE DE KOL 61633.

CALAMITY PIETERTJE DE KOL 3996 A. R. O. In 2 y. 2 m. 25 d., 26.062 lbs. fat 14 d.	{	Calamity De Kol Paul 27488.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
				Calamity Jane's Pauline 1688 A. R. O. In 4 y. 5 m. 28 d., 14.172 lbs. fat.
	{	Elvie De Kol 56242.	{	Prince De Kol Paul 290 A. R.
				Elvie Pietertje Princess 53258.

Owned by J. W. Dimick, Rifton, N. Y. Bred by C. F. Hunt, Delphi, N. Y.  
Calved September 21, 1902.

Official Butter Record: Dropped calf December 16, 1904, at 2 y. 2 m. 25 d. of age; commenced record January 9, 1905; closed record January 16; 7 days' production 13.355 lbs. butter fat; milk 383.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 16, 1904, at 2 y. 2 m. 25 d. of age; commenced record January 2, 1905; closed record January 16; 14 days' production 26.062 lbs. butter fat; milk 749.5 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 3997. JAMAICA VEEMAN 3D 64311.**

JAMAICA VEEMAN 3d 3997 A. R. O. In 2 y. 1 m. 6 d., 18.696 lbs. fat 14 d.	{	Aaggie Cornucopia's Paul De Kol 332 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
		Jamaica Veeman 1806 A. R. O. In 8 y. 3 m. 18 d., 27.803 lbs. fat 14 d.		Aaggie Cornucopia 1179 A. R. P. In 6 y., 21 lbs. 7.4 oz. butter by churn.
			{	Prince Veeman Genesta 20120.
			{	Mousie Jamaica 4th 36895.

Owned by J. W. Dimick, Rifton, N. Y. Bred by Gardner & Misner, Centerville Station, N. Y. Calved October 14, 1902.

Official Butter Record: Dropped calf November 20, 1905, at 2 y. 1 m. 6 d. of age; commenced record January 9, 1905; closed record January 16; 7 days' production 9.742 lbs. butter fat; milk 355.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf November 20, 1905, at 2 y. 1 m. 6 d. of age; commenced record January 2, 1905; closed record January 16; 14 days' production 18.696 lbs. butter fat; milk 691.1 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 3998. RUBY PIETERTJE NETHERLAND 2D 63311.**

RUBY PIETERTJE NETH- ERLAND 2d 3998 A. R. O. In 2 y. 5 d., 18.859 lbs. fat 14 d.	{	Calamity De Kol Paul 27488.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
		Ruby Pietertje Netherland 2250 A. R. O. In 1 y. 10 m. 4 d., 7.804 lbs. fat.		Calamity Jane's Pauline 1688 A. R. O. In 4 y. 5 m. 28 d., 14.172 lbs. fat.
			{	Sir Ononis Netherland 300 A. R.
			{	Maud Pietertje 2d 2045 A. R. O. In 6 y. 1 m. 14 d., 13.828 lbs. fat.

Owned by J. W. Dimick, Rifton, N. Y. Bred by C. F. Hunt, Delphi Falls, N. Y. Calved December 5, 1902.

Official Butter Record: Dropped calf December 10, 1904, at 2 y. 5 d. of age; commenced record January 9, 1905; closed record January 16; 7 days' production 9.560 lbs. butter fat; milk 322.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 10, 1904, at 2 y. 5 d. of age; commenced record January 2, 1905; closed record January 16; 14 days' production 18.859 lbs. butter fat; milk 627.2 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 3999. A. & G. DE KOL BURKE CORNELIA 65520.**

A. & G. DE KOL BURKE CORNELIA 3999 A. R. O. In 2 y. 6 m. 17 d., 23.342 lbs. fat 14 d.	De Kol Burke 162 A. R.	De Kol 2d's Butter Boy 129 A. R.
	De Kol Cornelia 2528 A. R. O. In 7 y. 3 m. 13 d., 13.101 lbs. fat.	Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
		De Kol 2d's Netherland 118 A. R.
		Cornelia V.'s Netherland 21792.

Owned by J. W. Dimick, Rifton, N. Y. Bred by Averill & Gregory, Syracuse, N. Y. Calved June 1, 1902.

Official Butter Record: Dropped calf December 18, 1904, at 2 y. 6 m. 17 d. of age; commenced record January 4, 1905; closed record January 11; 7 days' production 11.774 lbs. butter fat; milk 329.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 18, 1904, at 2 y. 6 m. 17 d. of age; commenced record January 2, 1905; closed record January 16; 14 days' production 23.342 lbs. butter fat; milk 666.9 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 4000. MIGNONE TWISK QUEEN DE KOL 65368.**

MIGNONE TWISK QUEEN DE KOL 4000 A. R. O. In 2 y. 3 m. 23 d., 8.778 lbs. fat.	Sethje Veeman Lamb De Kol King 347 A. R.	Lamb De Kol Pietertje 218 A. R.
	Mignone Twisk 2d 2946 A. R. O. In 8 y. 2 m., 14.243 lbs. fat.	Sethje Veeman 4th's Pietertje 44023.
		Leonia Tweede's Pietertje 293 A. R.
		Mignone Twisk 27252.

Owned by Quentin McAdam, Utica, N. Y. Bred by Irwin Langworthy, South Brookfield, N. Y. Calved July 25, 1902.

Official Butter Record: Dropped calf November 18, 1904, at 2 y. 3 m. 23 d. of age; commenced record January 13, 9 p. m., 1905; closed record January 20, 1 p. m.; 7 days' production 8.778 lbs. butter fat; milk 274.3 lbs.

Attested by G. Arthur Bell, Cornell University Agricultural Experiment Station.

**SUSIE DE KOL'S COUNTESS 2550 A. R. O. 44906.**

SUSIE DE KOL'S COUNT- ESS 2550 A. R. O. In 6 y. 11 m. 28 d., 13.748 lbs. fat.	Count Mechthilde De Kol 242 A. R.	Sir Abbekerk 19056.
	Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.	Netherland De Kol 1006 A. R. P. In 2 y. 5 m. 21 d., .82 15-32 lbs. butter by churn 30 d.
		De Kol 2d's Netherland 118 A. R.
		Daisy De Kol 1003 A. R. P. In 2 y. 7 m. 20 d., 17 17-32 lbs. butter by churn.

Owned by Quentin McAdam, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIV., page 90.]

Second Official Butter Record: Dropped calf December 29, 1904, at 6 y. 11 m. 28 d. of age; commenced record January 14, 1 p. m., 1905; closed record January 21, 5 a. m.; 7 days' production 13.743 lbs. butter fat; milk 449.1 lbs.

Attested by G. Arthur Bell, Cornell University Agricultural Experiment Station.

#### NO. 4001. AKKRUMMER ERNESTINE ALMA 61560.

AKKRUMMER ERNEST- INE ALMA 4001 A. R. O. In 3 y. 3 m. 9 d., 10.437 lbs. fat.	{	Duke of Camp Harvey 333 A. R.	{	Prince Salo Inka Pietertje De Kol 22751.
		Akkrummer Ernestine 2d 50019.		Schoone 1125 A. R. O. In 11 y. 5 m. 26 d., 15.120 lbs. fat.
			{	Prince Inka Pietertje De Kol 2d 144 A. R.
			{	Akkrummer Ernestine 43977.

Owned and bred by J. Rust, West Allis, Wis. Calved September 29, 1901.

Official Butter Record: Dropped calf January 8, 1905, at 3 y. 3 m. 9 d. of age; commenced record February 1, 1905; closed record February 8; 7 days' production 10.437 lbs. butter fat; milk 343.7 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

#### NO. 4002. INKA AKKRUMMER 46797.

✓ INKA AKKRUMMER 4002 A. R. O. In 6 y. 11 m. 15 d., 15.965 lbs. fat.	{	Prince Inka Pietertje De Kol 2d 144 A. R.	{	Prince Inka Pietertje De Kol 21089.
		Akkrummer 5th 27180.		Schoone 1125 A. R. O. In 11 y. 5 m. 26 d., 15.120 lbs. fat.
			{	Uncle Hicks 6th 6154.
			{	Akkrummer 6008 H.

Owned and bred by J. Rust, West Allis, Wis. Calved February 17, 1898.

Official Butter Record: Dropped calf February 2, 1905, at 6 y. 11 m. 15 d. of age; commenced record February 8, 1905; closed record February 14; 7 days' production 15.965 lbs. butter fat; milk 443.8 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

#### NO. 4003. PIEBE BUTTER GIRL 66282.

X PIEBE BUTTER GIRL 4003 A. R. O. In 2 y. 2 m. 20 d., 7.712 lbs. fat.	{	Sir Piebe Hengerveld De Kol 233 A. R.	{	Gem Pietertje Hengerveld Paul De Kol 155 A. R.
		Butter King Butter Girl 2161 A. R. O. In 2 y. 9 m., 10.751 lbs. fat.		Piebe Laura 1673 A. R. O. In 12 y. 9 m. 7 d., 78.224 lbs. fat 36 d.
			{	Lottie Lass' Butter King 167 A. R.
			{	Ollie Barrett 2268.

Owned and bred by F. B. Fargo, Lake Mills, Wis. Calved October 4, 1902.

Official Butter Record: Dropped calf December 24, 1904, at 2 y. 2 m. 20 d. of age; commenced record January 10, 1905; closed record January 16; 7 days' production 7.712 lbs. butter fat; milk 224.1 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

#### NO. 4004. MANTEL PIEBE DE KOL 63607.

MANTEL PIEBE DE KOL 4004 A. R. O. In 2 y. 8 m. 17 d., 10.656 lbs. fat.	{	Sir Piebe Hengerveld De Kol 233 A. R.	{	Gem Pietertje Hengerveld Paul De Kol 155 A. R.
				Piebe Laura 1673 A. R. O. In 12 y. 9 m. 7 d., 78.224 lbs. fat 36 d.
	{	Mantel 8th's De Kol 2407 A. R. O. In 4 y. 4 m. 25 d., 12.014 lbs. fat.	{	Maplecroft De Kol 275 A. R.
				Mantel 8th 18491.

Owned and bred by F. B. Fargo, Lake Mills, Wis. Calved April 20, 1902.

Official Butter Record: Dropped calf January 7, 1905, at 2 y. 8 m. 17 d. of age; commenced record January 14, 1905; closed record January 20; 7 days' production 10.656 lbs. butter fat; milk 262.2 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

#### NO. 4005. ELVA COLANTHUS DE KOL 66838.

ELVA COLANTHUS DE KOL 4005 A. R. O. In 2 y. 4 m. 5 d., 9.574 lbs. fat.	{	Gem Pietertje Paul De Kol 27282.	{	Gem Pietertje Hengerveld Paul De Kol 155 A. R.
				Kakenstein 2365 A. R. O. In 5 y. 2 m. 13 d., 16.267 lbs. fat.
	{	Pearl Colanthus Barbetta 2205 A. R. O. In 3 y. 7 m. 12 d., 11.518 lbs. fat.	{	Barbetta's Colanthus 331 A. R.
				Pearl of Spring Brook 2269 A. R. O. In 10 y. 8 m. 7 d., 16.159 lbs. fat.

Owned by F. B. Fargo, Lake Mills, Wis. Bred by E. J. Fargo, Lake Mills, Wis.  
Calved August 31, 1902.

Official Butter Record: Dropped calf January 6, 1905, at 2 y. 4 m. 5 d. of age; commenced record January 14, 1905; closed record January 20; 7 days' production 9.574 lbs. butter fat; milk 223.2 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

#### NO. 4006. BLANCHE BELLE PIEBE 66281.

BLANCHE BELLE PIEBE 4006 A. R. O. In 2 y. 2 m. 10 d., 10.755 lbs. fat.	{	Sir Piebe Hengerveld De Kol 233 A. R.	{	Gem Pietertje Hengerveld Paul De Kol 155 A. R.
				Piebe Laura 1673 A. R. O. In 12 y. 9 m. 7 d., 78.224 lbs. fat 36 d.
	{	Blanche Belle 2194 A. R. O. In 7 y. 2 m. 21 d., 13.817 lbs. fat.	{	Netherland Chieftain 17188.
				Bertie's Bud's Blanche 24862.



Owned and bred by F. B. Fargo, Lake Mills, Wis. Calved October 12, 1902.

Official Butter Record: Dropped calf December 22, 1904, at 2 y. 2 m. 10 d. of age; commenced record January 4, 1905; closed record January 11; 7 days' production 10.755 lbs. butter fat; milk 257.9 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**NO. 4007. JOSEY DE KOL PIETERTJE 66836.**

JOSEY DE KOL PIETERTJE 4007 A. R. O. In 2 y. 1 m. 19 d., 9.562 lbs. fat.	{	Gem Pietertje Paul De Kol 27282.	{	Gem Pietertje Hengerveld Paul De Kol 155 A. R.
				Kakenstein 2365 A. R. O. In 5 y. 2 m. 13 d., 16.267 lbs. fat.
		Aurora 3d 34909.		Butterine 3370.
				Aurora 1775 D. F.

Owned by F. B. Fargo, Lake Mills, Wis. Bred by E. J. Fargo, Lake Mills, Wis. Calved October 23, 1902.

Official Butter Record: Dropped calf December 12, 1904, at 2 y. 1 m. 19 d. of age; commenced record January 6, 1905; closed record January 13; 7 days' production 9.562 lbs. butter fat; milk 236.7 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**NO. 4008. LADY PARTHENEIA SWART 58518.**

LADY PARTHENEIA SWART 4008 A. R. O. In 5 y. 4 m. 22 d., 14.056 lbs. fat.	{	Bontje P. 2d's Major Partheneia 24141.	{	Partheneia's Sir Henry 248 A. R.
				Bontje P. 2d 8455 H.
		Winsome Swart 6822.		Prince of Altijdwerk 178 D. F.
				Tjitske Swart 407 D. F.

Owned by M. E. Moore, Cameron, Mo. Bred by J. H. Barngrover, Bancroft, Mo. Calved June 28, 1899.

Official Butter Record: Dropped calf November 20, 1904, at 5 y. 4 m. 22 d. of age; commenced record January 30, 1905; closed record February 5; 7 days' production 14.056 lbs. butter fat; milk 394.4 lbs.

Attested by William F. Dewalt, Missouri Agricultural Experiment Station.

**NO. 4009. GERBEN ABBEKERK PARTHENEAE 46360.**

GERBEN ABBEKERK PARTHENEAE 4009 A. R. O. In 8 y. 8 m. 24 d., 17.595 lbs. fat.	{	Sir Henry Partheneae 475 W.	{ Partheneae's Sir Henry 248 A. R.
			{ Bontje P. 2d's Gerben 1554 A. R. O. In 7 y. 2 m. 25 d., 13.619 lbs. fat.
	{	Shadybrook Gerben Abbeckerk 46359.	{ Carlotta 2d's Sir Abbeckerk 19094.
			{ Shadybrook Gerben 1823 A. R. O. In 6 y. 9 m. 8 d., 18.610 lbs. fat.

Owned by M. E. Moore, Cameron, Mo. Bred by H. W. Cheney, North Topeka, Kan. Calved April 1, 1896.

Official Butter Record: Dropped calf December 25, 1904, at 8 y. 8 m. 24 d. of age; commenced record January 30, 1905; closed record February 5; 7 days' production 17.595 lbs. butter fat; milk 455.3 lbs.

Attested by William F. Dewalt, Missouri Agricultural Experiment Station.

**NO. 4010. JESSIE RECTOR DE KOL 73888.**

JESSIE RECTOR DE KOL 4010 A. R. O. In 3 y. 3 m. 28 d., 11.669 lbs. fat.	{	Paul Mechthilde De Kol 182 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
			{ Inka Pietertje Mechthilde 1145 A. R. O. In 2 y. 11 m. 23 d., 11.348 lbs. fat.
	{	Jessie Rector 2582 A. R. O. In 10 y. 3 m. 10 d., 16.442 lbs. fat.	{ Lord Cecil 1851 H.
			{ Meg Rector 29049.

Owned and bred by A. J. Daugherty, Streator, Ill. Calved August 30, 1901.

Official Butter Record: Dropped calf December 28, 1904, at 3 y. 3 m. 28 d. of age; commenced record January 10, 1905; closed record January 17; 7 days' production 11.669 lbs. butter fat; milk 360.6 lbs.

Attested by Morgan Harris, Illinois Agricultural Experiment Station.

**NO. 4011. BELLE PIETERTJE KEYES 57436.**

BELLE PIETERTJE KEYES 4011 A. R. O. In 7 y. 10 m. 29 d., 12.653 lbs. fat.	{	Prince of Cloverdale 334 A. R.	{ Bettina's Rijneta Herbert 11239.
			{ Rosa Beechwood 3392 H.
	{	Gazelle 3d's Pietertje 29725.	{ Sievia Keyes Pietertje 13984.
			{ Gazelle 3d 7418 H.

Owned and bred by A. J. Daugherty, Streator, Ill. Calved February 21, 1897.

Official Butter Record: Dropped calf January 20, 1905, at 7 y. 10 m. 29 d. of age; commenced record February 3, 1905; closed record February 9; 7 days' production 12.653 lbs. butter fat; milk 314.1 lbs.

Attested by A. E. Davis, Jr., Illinois Agricultural Experiment Station.

**NO. 4012. VASHTI HAZEL OF PORTAGE 2D 32204.**

VASHTI HAZEL OF PORTAGE 2d 4012 A. R. O. In 12 y. 22 d., 12.866 lbs. fat.	{	Star's Netherland America 16723.	{ America's Champion 45 A. R.
			{ Star's Netherland 963 A. R. O. In 7 y. 10 m. 19 d., 16.675 lbs. fat.
	{	Vashti Hazel of Portage 22218.	{ Duke of Portage 1498.
			{ Vashti of Lawnside 2436 H.

Owned by H. A. Cornell, Howell, Mich. Bred by William O. Jackson, South Bend, Ind. Calved November 3, 1892.

Official Butter Record: Dropped calf November 25, 1904, at 12 y. 22 d. of age; commenced record February 13, 1905; closed record February 19; 7 days' production 12.866 lbs. butter fat; milk 408.8 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NO. 4013. BLONDEAN STAR BOON 49708.**

BLONDEAN STAR BOON 4013 A. R. O. In 6 y. 4 m. 19 d., 15.056 lbs. fat.	{	Clothilde Apollo Boon 297 A. R.	{ Apollo Boon 21963.
			{ Lydia Artis 8d's Clothilde 38432.
	{	Blondean Star 43749.	{ Reed's Gem 111 A. R.
			{ Blondean 2d 23376.

Owned by George L. Weller, Howell, Mich. Bred by R. C. Reed, Howell, Mich. Calved August 28, 1898.

Official Butter Record: Dropped calf January 18, 1905, at 6 y. 4 m. 19 d. of age; commenced record February 10, 1905; closed record February 16; 7 days' production 15.056 lbs. butter fat; milk 482.3 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**BESS DE KOL PAULINE 3D 3401 A. R. O. 63289.**

BESS DE KOL PAULINE 3d 3401 A. R. O. In 2 y. 7 m. 13 d., 11.494 lbs. fat.	{	Ophelia 7th's Monk 284 A. R.	{ Monk Lyons 21327.
			{ Ophelia 7th 36875.
	{	Bess De Kol Pauline 43786.	{ Pauline Paul's Grandson's Clothilde 279 A. R.
			{ Little Bess 2d 30998.

Owned by Wing R. Smith, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 339.]

Second Official Butter Record: Dropped calf December 31, 1904, at 2 y. 7 m. 13 d. of age; commenced record January 22, 1905; closed record January 29; 7 days' production 11.494 lbs. butter fat; milk 359.6 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NO. 4014. LADY ZUBROD 56391.**

LADY ZUBROD 4014 A. R. O. In 4 y. 1 m., 12.280 lbs. fat.	{	Daisy De Kol's Prince B. 24905.	{	Daisy De Kol's Prince 22639.
		Rose De Kol Netherland 49090.		Sir Richard of Aaggie's Klaytonia 15381.
			{	De Kol King Netherland 23142.
			{	Pioneer Rose 41593.

Owned by B. W. Potter & Son, Rutland, Mass. Bred by C. P. Peck, Shelburne, Mass. Calved January 2, 1901.

Official Butter Record: Dropped calf February 2, 1905, at 4 y. 1 m. of age; commenced record February 14, 1905; closed record February 20; 7 days' production 12.280 lbs. butter fat; milk 413 lbs.

Attested by John F. Lyman, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4015. ETHEL PRIDE 56259.**

ETHEL PRIDE 4015 A. R. O. In 4 y. 2 m. 25 d., 11.042 lbs. fat.	{	Paul Deane 22887.	{	America 2d's Wayne Paul De Kol 149 A. R.
		Wilhelma B's Grand Baby 43574.		Carrie Deane 4419 H. H. B.
			{	De Kol Pietertje King 21714.
			{	Wilhelma B's Baby 35532.

Owned by B. W. Potter & Son, Rutland, Mass. Bred by C. P. Peck, Shelburne, Mass. Calved October 7, 1900.

Official Butter Record: Dropped calf January 2, 1905, at 4 y. 2 m. 25 d. of age; commenced record February 14, 1905; closed record February 20; 7 days' production 11.042 lbs. butter fat; milk 344.9 lbs.

Attested by John F. Lyman, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4016. MAPLECROFT PIETERTJE DE KOL 59181.**

MAPLECROFT PIETERT- JE DE KOL 4016 A. R. O. In 3 y. 9 m. 11 d., 13.552 lbs. fat.	{	McKinley Paul 316 A. R.	{	Neta Paul's Son 22125.
		Maplecroft De Kol Perfection 2651 A. R. O. In 7 y. 5 m. 8 d., 17.098 lbs. fat.		Neta Paul 5522 H. H. B.
			{	Netherland De Kol's Perfection 223 A. R.
			{	Eusebia 2d's Maid 32005.

Owned by E. J. Tefft, Earlville, N. Y. Bred by George West, Syracuse, N. Y. Calved March 7, 1901.

Official Butter Record: Dropped calf December 18, 1904, at 3 y. 9 m. 11 d. of age; commenced record January 18, 11 p. m., 1905; closed record January 25, 5 p. m.; 7 days' production 13.552 lbs. butter fat; milk 385.7 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

# NO. 4017. CORA DOLLY 58300.

CORA DOLLY 4017 A. R. O. In 3 y. 4 d., 9.488 lbs. fat.	Shepard Soldene Beauty 25339.	White Ondinus Shepard 351 A. R.
	Cora Tempest 35267.	Netherland Beauty's Soldene 28748.
		Koopman 2d's Clothilde 16018.
		Flora Tempest 10371 H. H. B.

Owned by Rankin Brothers, Brockton, Mass. Bred by William Rankin, Brockton, Mass. Calved January 6, 1902.

Description: Age, 3 y. 1 m. 11 d.; milk form; head, proportionate, symmetrical; neck, long, clean; chine, rather light, uneven, open vertebræ; loin and hips, broad; rump, high, tail set slightly to one side; escutcheon, good, broad; mammary veins, long, good size; udder, capacious, well balanced, quarters slightly light behind; teats, good; handling, fine; secretions of skin, abundant; general appearance, good; height, shoulders 54 inches, hips 57; length, body 59, rump 20; width, hips 21, thurl 19; girth 76; weight 1,025 lbs.; examiner, S. R. Parker; examined February 17, 1905.

Official Butter Record: Dropped calf January 10, 1905, at 3 y. 4 d. of age; commenced record February 11, 1905; closed record February 17; 7 days' production 9.488 lbs. butter fat; milk 314.1 lbs.

Attested by S. R. Parker, Hatch (Mass.) Agricultural Experiment Station.

# NO. 4018. THELMA LADY SHEPARD 54545.

THELMA LADY SHEP- ARD 4018 A. R. O. In 4 y. 5 m. 2 d., 13.292 lbs. fat.	White Ondinus Shepard 351 A. R.	Nitalia's Ondinus 6910.
	Meenie 3d's Beauty Thelma 38295.	Lady Shepard 1586 H.
		Koopman 2d's Clothilde 16018.
		Meenie 3d's Beauty 22840.

Owned by Rankin Brothers, Brockton, Mass. Bred by William Rankin, Brockton, Mass. Calved August 15, 1900.



Description: Age, 4 y. 6 m. 2 d.; milk and beef form; head, proportionate, symmetrical; neck, medium length, clean cut; chine, straight, fairly broad, open vertebrae; loin and hips, broad, fairly level; rump, nearly level; escutcheon, broad; mammary veins, good size, good length; udder, good size, well balanced, quarters even; teats, large, rather close together behind; handling, good; secretions of skin, abundant, oily; general appearance, good; height, shoulders 54 inches, hips 56; length, body 66, rump 21; width, hips 23, thurl 20; girth 79; weight 1,300 lbs.; examiner, S. R. Parker; examined February 17, 1905.

Official Butter Record: Dropped calf January 17, 1905, at 4 y. 5 m. 2 d. of age; commenced record February 11, 1905; closed record February 17; 7 days' production 13.292 lbs. butter fat; milk 351.6 lbs.

Attested by S. R. Parker, Hatch (Mass.) Agricultural Experiment Station.

#### NO. 4019. REKA ORMSBY 67591.

REKA ORMSBY 4019 A. R. O. In 2 y. 25 d., 9.554 lbs. fat.	{	Duchess Ormsby Piebe Burke 335 A. R.	{	Piebe De Kol Burke 165 A. R.
				Duchess Ormsby 1432 A. R. O. In 9 y. 10 m. 14 d., 19.418 lbs. fat.
	{	Aaltje Salo Reka 1811 A. R. O. In 5 y. 2 m. 25 d., 90.408 lbs. fat 44 d.	{	Prince Inka Pietertje De Kol 2d 144 A. R.
				Aaltje Salo Princess 2d 36464.

Owned and bred by W. H. Jones, Watertown, Wis. Calved January 8, 1903.

Official Butter Record: Dropped calf February 3, 1905, at 2 y. 25 d. of age; commenced record February 17, 1905; closed record February 23; 7 days' production 9.554 lbs. butter fat; milk 269.5 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

#### NO. 4020. HEILO QUEEN DE KOL 63951.

HEILO QUEEN DE KOL 4020 A. R. O. In 2 y. 9 m. 13 d., 12.476 lbs. fat.	{	Piebe De Kol Burke 165 A. R.	{	De Kol Burke 162 A. R.
				Piebe Queen 2d 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.
	{	Heilo 4th's Pet 1574 A. R. O. In 5 y. 6 m. 29 d., 19.934 lbs. fat.	{	Sir Aaggie Pietertje 208 A. R.
				Heilo 4th 18688.

Owned and bred by W. H. Jones, Watertown, Wis. Calved March 31, 1902.

Description: Age, 2 y. 10 m. 8 d.; good form; head, dishing, refined, strong; neck, good; chine, good; loin and hips, broad, strong; rump, long, roomy; escutcheon, broad, mammary veins, long, tortuous; udder, good size, quarters good; teats, evenly placed; handling, good; secretions of skin, abundant; general appearance, good type of the breed; height, shoulders 55 inches, hips 55.5; length, body 64, rump 22; width, hips 23, thurl 20; girth 78.5; weight, 1,225 lbs.; examiner, John P. Bonzelet; examined February 9, 1905.

Official Butter Record: Dropped calf January 14, 1905, at 2 y. 9 m. 13 d. of age; commenced record January 24, 1905; closed record January 30; 7 days' production 12.476 lbs. butter fat; milk 309.7 lbs.

Attested by J. P. Bonzelet, Wisconsin Agricultural Experiment Station.

**NO. 4021. LADY FERN ORMSBY 66731.**

LADY FERN ORMSBY 4021 A. R. O. In 2 y. 2 m., 9.241 lbs. fat.	{	Duchess Ormsby Piebe Burke 335 A. R.	{	Piebe De Kol Burke 165 A. R.
			{	Duchess Ormsby 1432 A. R. O. In 9 y. 10 m. 14 d., 19.418 lbs. fat.
	{	Lady Fern Burke 4025 A. R. O. In 5 y. 9 m. 19 d., 14.519 lbs. fat.	{	De Kol Burke 162 A. R.
			{	Lady Oak Fern 1515 A. R. O. In 6 y. 11 m. 9 d., 69.923 lbs. fat 30 d.

Owned and bred by W. H. Jones, Watertown, Wis. Calved October 20, 1902.

Description: Age, 2 y. 3 m. 18 d.; fairly good form; head, good, long, dishing; neck, long, slender; chine, well arched; loin and hips, broad, strong; rump, long, wide; escutcheon, wide; mammary veins, long; udder, good, quarters even; teats, well placed; handling, good, pliable; secretions of skin, good, abundant; general appearance, good; height, shoulders 52 inches, hips 52.75; length, body 58, rump 19; width, hips 17.5, thurl 15; girth 67; weight 750 lbs.; examiner, John P. Bonzelet; examined February 8, 1905.

Official Butter Record: Dropped calf December 20, 1904, at 2 y. 2 m. of age; commenced record January 19, 1905; closed record January 25; 7 days' production 9.241 lbs. butter fat; milk 247.5 lbs.

Attested by J. P. Bonzelet, Wisconsin Agricultural Experiment Station.

**JESS DE KOL 1674 A. R. O. 45977.**

✓ JESS DE KOL, 1674 A. R. O. In 8 y. 3 m. 19 d., 12.229 lbs. fat.	{	Paul Johanna De Kol 184 A. R.	{	Paul Mutual De Kol 18726.
			{	Johanna May 1149 A. R. O. In 6 y. 10 m. 3 d., 13.729 lbs. fat.
	{	Lottie Douglas 2d's Jess 21184.	{	Prince of Cedarside 7th 3809.
			{	Lottie Douglas 2d 3967 H.

Owned by W. H. Jones, Watertown, Wis.

[Entry of additional records. For previous records see Vol. XI, page 77.]

Third Official Butter Record: Dropped calf January 6, 1905, at 8 y. 3 m. 19 d. of age; commenced record January 28, 1905; closed record February 3; 7 days' production 12.229 lbs. butter fat; milk 323 lbs.

Attested by J. P. Bonzelet, Wisconsin Agricultural Experiment Station.

**NO. 4022. MAUD ORMSBY 67589.**

MAUD ORMSBY 4022 A. R. O. In 2 y. 1 d., 34.965 lbs. fat 30 d.	{	Duchess Ormsby Piebe Burke 335 A. R.	{	Piebe De Kol Burke 165 A. R.
			{	Duchess Ormsby 1432 A. R. O. In 9 y. 10 m. 14 d., 19.418 lbs. fat.
	{	Jessie Fobes 2d's Maud 2d 1514 A. R. O. In 5 y. 8 m. 8 d., 63.371 lbs. fat 30 d.	{	Netherland Marshall 142 A. R.
			{	Jessie Fobes 2d's Maud 37841.

Owned and bred by W. H. Jones, Watertown, Wis. Calved December 26, 1902.

Description: Age, 2 y. 1 m. 13 d.; very good form; head, long, broad, refined, strong; neck, long; chine, strong, full; loin and hips, broad, strong; rump, long, carrying out well; escutcheon, wide; mammary veins, long; udder, good, quarters good; teats, evenly placed; handling, good; secretions of skin, yellow; general appearance, very good; height, shoulders 44.5 inches, hips 45.5; length, body 61, rump 14; width, hips 18.5, thurl 17; girth 72; weight, 1,100 lbs. Est.; examiner, John P. Bonzelet; examined February 9, 1905.

Official Butter Record: Dropped calf December 27, 1904, at 2 y. 1 d. of age; commenced record January 23, 1905; closed record January 29; 7 days' production 8.778 lbs. butter fat; milk 239.2 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf December 27, 1904, at 2 y. 1 d. of age; commenced record January 15, 1905; closed record February 13; 30 days' production 34.965 lbs. butter fat; milk 1,002.5 lbs.

Attested by J. P. Bonzelet, Wisconsin Agricultural Experiment Station.

#### NO. 4023. SMALL HOPES DE KOL KORNDYKE 59446.

SMALL HOPES DE KOL KORNDYKE 4023 A. R. O. In 3 y. 5 m. 29 d., 9.696 lbs. fat.	{	Korndyke Queen De Kol's Prince 255 A. R.	{	Lorraine Prince 23109.
				Korndyke Queen De Kol 1549 A. R. O. In 6 y. 7 m. 19 d., 349.636 lbs. fat 182½ d.
	{	Small Hopes Aaggie De Kol 2014 A. R. O. In 5 y. 6 m. 22 d., 15.170 lbs. fat.	{	Paul Beets De Kol 118 A. R.
				Small Hopes Aaggie 18771.

Owned and bred by A. W. Brown, Unadilla Forks, N. Y. Calved April 21, 1901.

Official Butter Record: Dropped calf October 20, 1904, at 3 y. 5 m. 29 d. of age; commenced record February 4, 1905; closed record February 11; 7 days' production 9.696 lbs. butter fat; milk 271.3 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

#### NO. 4024. PIEBE ORMSBY DUCHESS 67229.

PIEBE ORMSBY DUCH- ESS 4024 A. R. O. In 2 y. 1 m. 16 d., 22.580 lbs. fat 20 d.	{	Duchess Ormsby Piebe Burke 335 A. R.	{	Piebe De Kol Burke 165 A. R.
				Duchess Ormsby 1432 A. R. O. In 9 y. 10 m. 14 d., 19.418 lbs. fat.
	{	Piebe Queen 1459 A. R. O. In 7 y. 2 d., 15.029 lbs. fat.	{	Uncle Hicks 6th 6154.
				Piebe 3d 10933.

Owned and bred by W. H. Jones, Watertown, Wis. Calved November 26, 1902.

Official Butter Record: Dropped calf January 12, 1905, at 2 y. 1 m. 16 d. of age; commenced record February 14, 1905; closed record February 20; 7 days' production 8.083 lbs. butter fat; milk 224.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 12, 1905, at 2 y. 1 m. 16 d. of age; commenced record February 9, 1905; closed record February 23; 14 days' production 15.829 lbs. butter fat; milk 440.9 lbs.

Official Butter Record: Twenty consecutive days. Dropped calf January 12, 1905, at 2 y. 1 m. 16 d. of age; commenced record February 3, 1905; closed record February 23; 20 days' production 22.580 lbs. butter fat; milk 631.6 lbs.

Attested by J. P. Bonzelet and Frank Stark, Wisconsin Agricultural Experiment Station.

#### NO. 4025. LADY FERN BURKE 51082.

✓ LADY FERN BURKE 4025 A. R. O. In 5 y. 9 m. 19 d., 14.519 lbs. fat.	{	De Kol Burke 162 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.864 lbs. fat.
	{	Lady Oak Fern 1515 A. R. O. In 6 y. 11 m. 9 d., 69.923 lbs. fat 30 d.	{ Aaltje Salo 3d's Tritomia Netherland 121 A. R.
			{ Lady Oak 1939 A. R. O. In 8 y. 11 m. 16 d., 13.957 lbs. fat.

Owned by W. H. Jones, Watertown, Wis. Bred by S. B. Jones & Son, Watertown, Wis. Calved April 10, 1899.

Official Butter Record: Dropped calf January 29, 1905, at 5 y. 9 m. 19 d. of age; commenced record February 4, 1905; closed record February 10; 7 days' production 14.519 lbs. butter fat; milk 355.5 lbs.

Attested by J. P. Bonzelet, Wisconsin Agricultural Experiment Station.

#### JOHANNA DE COLANTHA 2663 A. R. O. 52253.

✓ JOHANNA DE COLANTHA 2663 A. R. O. In 4 y. 10 m. 8 d., 16.686 lbs. fat.	{	Paul Colantha 225 A. R.	{ Paul Mutual De Kol 18726.
			{ Colantha 4th 1206 A. R. O. In 6 y. 8 m. 5 d., 19.592 lbs. fat.
	{	Johanna De Kol 3d 1668 A. R. O. In 3 y. 10 m. 15 d., 14.799 lbs. fat.	{ Aaggie Cornelia 5th's Clo- thilde Imperial 103 A. R.
			{ Johanna De Kol 1331 A. R. O. In 4 y. 8 m. 16 d., 16.221 lbs. fat.

Owned by Gillett & Son, Rosendale, Wis.

[Entry of additional records. For previous records see Vol. XIV, page 148.]

Second Official Butter Record: Dropped calf February 5, 1905, at 4 y. 10 m. 8 d. of age; commenced record February 16, 1905; closed record February 22; 7 days' production 16.686 lbs. butter fat; milk 440.8 lbs.

Attested by L. M. Hatch, Wisconsin Agricultural Experiment Station.

**NO. 4026. JOHANNA BELLE 65445.**

JOHANNA BELLE 4026 A. R. O. In 2 y. 22 d., 9.285 lbs. fat.	{	Sarcastic Lad 194 A. R.	{	Maurice Bonheur 22394.
		Johanna Rue 3d 1337 A. R. O. In 5 y. 6 m. 21 d., 19.392 lbs. fat.		Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
			{	Paul Mutual De Kol 18726.
				Johanna Rue 1205 A. R. O. In 6 y. 6 m. 17 d., 16.967 lbs. fat.

Owned and bred by Gillett & Son, Rosendale, Wis. Calved December 11, 1902.

Official Butter Record: Dropped calf January 3, 1905, at 2 y. 22 d. of age; commenced record February 16, 1905; closed record February 23; 7 days' production 9.285 lbs. butter fat; milk 301.1 lbs.

Attested by L. M. Hatch, Wisconsin Agricultural Experiment Station.

**NO. 4027. AAGGIE BRYONIA 66752.**

AAGGIE BRYONIA 4027 A. R. O. In 2 y. 1 d., 8.831 lbs. fat.	{	Prince Bryonia Madrigal 235 A. R.	{	Hugh Rhoda Madrigal 22075.
		Aaggie Porna Clothilde 1856 A. R. O. In 10 y. 5 m. 14 d., 12.380 lbs. fat.		Bryonia Albia 1215 A. R. O. In 8 y. 3 m. 20 d., 18.685 lbs. fat.
			{	Aaggie Cornelia 5th's Clo- thilde Imperial 103 A. R.
				Porna 3d 5413.

Owned by T. S. Tompkins, White Bear Lake, Minn. Bred by Nick Grimm, Clemansville, Wis. Calved December 18, 1902.

Official Butter Record: Dropped calf December 19, 1904, at 2 y. 1 d. of age; commenced record February 8, 1905; closed record February 14; 7 days' production 8.831 lbs. butter fat; milk 260.2 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

**NO. 4028. EASLE GROTON 3D 42077.**

EASLE GROTON 3d 4028 A. R. O. In 8 y. 9 m. 26 d., 12.099 lbs. fat.	{	Lord Fayne 21680.	{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
		Easle Groton 2255 A. R. O. In 11 y. 10 m. 27 d., 15.794 lbs. fat.		Lady Oak 1939 A. R. O. In 8 y. 11 m. 16 d., 13.957 lbs. fat.
			{	Lily of Cedarside's Prince 7490.
				Black Cherrie 2d 1555.

Owned by T. S. Tompkins, White Bear Lake, Minn. Bred by E. M. Jones, Watertown, Wis. Calved April 4, 1896.

Official Butter Record: Dropped calf January 30, 1905, at 8 y. 9 m. 26 d. of age; commenced record February 8, 1905; closed record February 15; 7 days' production 12.099 lbs. butter fat; milk 419.1 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.



**AALTJE SALO ERNA 3016 A. R. O. 53933.**

AALTJE SALO ERNA 3016 A. R. O. In 4 y. 9 m. 26 d., 77.849 lbs. fat 30 d.	{	Prince Inka Pietertje De Kol 2d 144 A. R.	{	Prince Inka Pietertje De Kol 21089.
				Schoone 1125 A. R. O. In 11 y. 5 m. 26 d., 15.120 lbs. fat.
		Aaltje Salo Princess 2d 36464.		Tritomia's Netherland Carl 143 A. R. Aaltje Salo Princess 15284.

Owned by T. S. Tompkins, White Bear Lake, Minn.

[Entry of additional records. For previous records see Vol. XV, page 112.]

Second Official Butter Record: Dropped calf January 15, 1905, at 4 y. 9 m. 26 d. of age; commenced record February 12, 1905; closed record February 18; 7 days' production 20.286 lbs. butter fat; milk 566.2 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 15, 1905, at 4 y. 9 m. 26 d. of age; commenced record January 29, 1905; closed record February 28; 30 days' production 77.849 lbs. butter fat; milk 2,246 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

**NO. 4029. PORNA BRYONIA 63655.**

PORNA BRYONIA 4029 A. R. O. In 2 y. 7 m. 18 d., 9.889 lbs. fat.	{	Prince Bryonia Madrigal 235 A. R.	{	Hugh Rhoda Madrigal 22075.
				Bryonia Albia 1215 A. R. O. In 8 y. 3 m. 20 d., 18.685 lbs. fat.
		Aaggie Careme Parthenea 2d 2853 A. R. O. In 2 y. 10 m. 16 d., 10.038 lbs. fat.		Sir Henry Chief's Mink 25578. Aaggie Careme Parthenea 1955 A. R. O. In 6 y. 25 d., 17.847 lbs. fat.

Owned by T. S. Tompkins, White Bear Lake, Minn. Bred by Nick Grimm, Clemansville, Wis. Calved May 15, 1902.

Official Butter Record: Dropped calf January 3, 1905, at 2 y. 7 m. 18 d. of age; commenced record January 30, 1905; closed record February 6; 7 days' production 9.889 lbs. butter fat; milk 271 lbs.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

**NO. 4030. NONA DE KOL 53057.**

NONA DE KOL, 4030 A. R. O. In 5 y. 5 m. 16 d., 25.157 lbs. fat 14 d.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
				Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
		Netherland Nona 2d 27202.		Sir Jacob of Aaggie 12930. Netherland Nona 14296.

Owned and bred by E. C. Brill, Poughquag, N. Y. Calved July 20, 1899.

Official Butter Record: Dropped calf January 6, 1905, at 5 y. 5 m. 16 d. of age; commenced record January 21, 11 a. m., 1905; closed record January 28, 5 a. m.; 7 days' production 12.871 lbs. butter fat; milk 377.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 6, 1905, at 5 y. 5 m. 16 d. of age; commenced record January 14, 11 a. m., 1905; closed record January 28, 5 a. m.; 14 days' production 25.157 lbs. butter fat; milk 726.3 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

#### NO. 4031. PRIDE ECHO DE KOL 65741.

PRIDE ECHO DE KOL 4031 A. R. O. In 8 y. 3 m. 22 d., 41.749 lbs. fat 21 d.	{	Genesta Echo 2d's Count Paul De Kol 22758.	{	Count Paul De Kol 324 A. R.
		Pride Pietertje Keyes 53416.		Genesta Echo 2d 1512 A. R. O. In 6 y. 8 m. 5 d., 16.149 lbs. fat.
			{	Lord Pietertje Koningin Keyes 17709.
			{	Bodora 2d's Pride 19665.

Owned and bred by E. C. Brill, Poughquag, N. Y. Calved September 2, 1896.

Official Butter Record: Dropped calf December 24, 1904, at 8 y. 3 m. 22 d. of age; commenced record January 12, 5 p. m., 1905; closed record January 19, 11 a. m.; 7 days' production 15.049 lbs. butter fat; milk 405.7 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf December 24, 1904, at 8 y. 3 m. 22 d. of age; commenced record January 7, 11 a. m., 1905; closed record January 28, 5 a. m.; 21 days' production 41.749 lbs. butter fat; milk 1,173.8 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

#### MINNIE NETHERLAND JEWEL 2962 A. R. O. 53422.

MINNIE NETHERLAND JEWEL 2962 A. R. O. In 7 y. 1 m. 7 d., 69.245 lbs. fat.	{	Jewel Netherland Mechthilde 231 A. R.	{	Sir Parthena Mechthilde No. 2 19668.
		Aaggie Netherland Minnie 51280.		Crumhorn Lass 32493.
			{	Shadeland Signet 11984.
			{	Roella 2d's Minnie 19663.

Owned by E. C. Brill, Poughquag, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 84.]

Second Official Butter Record: Dropped calf November 30, 1904, at 7 y. 1 m. 7 d. of age; commenced record December 11, 1904; closed record December 17; 7 days' production 17.258 lbs. butter fat; milk 478.7 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf November 30, 1904, at 7 y. 1 m. 7 d. of age; commenced record December 9, 5 p. m., 1904; closed record January 8, 11 a. m., 1905; 30 days' production 69.245 lbs. butter fat; milk 2,064.2 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

### SUSIE HENGERVELD DE KOL 2523 A. R. O. 52064.

SUSIE HENGERVELD DE KOL 2523 A. R. O. In 5 y. 2 m. 60.419 lbs. fat 30 d.	Homestead Vernon De Kol 220 A. R.	Pietertje Hengerveld's Paul De Kol 109 A. R.
	Susie Aaggie Wayne De Kol 41893.	Maplecroft Maid 1852 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.
		Aaggie Wayne 4th's Paul De Kol 20928.
		Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.

Owned by E. C. Brill, Poughquag, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 74.]

Second Official Butter Record: Dropped calf November 19, 1904, at 5 y. 2 m. of age; commenced record December 6, 11 a. m., 1904; closed record December 13, 5 a. m.; 7 days' production 15.259 lbs. butter fat; milk 456.6 lbs.

Official Butter Record: Thirty consecutive days; dropped calf November 19, 1904, at 5 y. 2 m. of age; commenced record November 30, 1 p. m., 1904; closed record December 30, 5 a. m.; 30 days' production 60.419 lbs. butter fat; milk 1,898.1 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

### COUNTESS PAULINE PAUL 2524 A. R. O. 44284.

COUNTESS PAULINE PAUL 2524 A. R. O. In 6 y. 10 m. 6 d., 61.452 lbs. fat 30 d.	Count Paul De Kol 324 A. R.	Paul De Kol 97 A. R.
	Pauline Paul 2d 31477.	De Kol 2d's Queen 662 A. R. P. In 3 y., 28 lbs. 7 oz. butter by churn.
		De Kol 2d's Netherland 118 A. R.
		Pauline Paul 852 A. R. P. In 8 y., 1,153 lbs. 15.8 oz. butter by churn 365 d.

Owned by E. C. Brill, Poughquag, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 75.]

Second Official Butter Record: Dropped calf October 9, 1904, at 6 y. 10 m. 6 d. of age; commenced record December 6, 11 a. m., 1904; closed record December 13, 5 a. m.; 7 days' production 15.389 lbs. butter fat; milk 499.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf October 9, 1904, at 6 y. 10 m. 6 d. of age; commenced record November 30, 1 p. m., 1904; closed record December 13, 5 a. m.; 14 days' production 27.936 lbs. butter fat; milk 919.7 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

**NO. 4032. PAULINE ABBEKERK 44212.**

PAULINE ABBEKERK 4032 A. R. O. In 7 y. 5 m. 12 d., 25.505 lbs. fat 14 d.	{	Count Paul De Kol 324 A. R.	{	Paul De Kol 97 A. R.
				De Kol 2d's Queen 662 A. R. P. In 3 y., 28 lbs. 7 oz. butter by churn.
		Alberta Abbekerk 2d 12702.		Sir Mechthilde 2224. Alberta Abbekerk 9579 H.

Owned by E. C. Brill, Poughquag, N. Y. Bred by James A. Graham, Paterson, N. J. Calved April 8, 1897.

Official Butter Record: Dropped calf September 20, 1904, at 7 y. 5 m. 12 d. of age; commenced record December 12, 11 p. m., 1904; closed record December 19, 5 p. m.; 7 days' production 12.864 lbs. butter fat; milk 405.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf September 20, 1904, at 7 y. 5 m. 12 d. of age; commenced record December 5, 11 p. m., 1904; closed record December 19, 5 p. m.; 14 days' production 25.505 lbs. butter fat; milk 773.4 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

**NO. 4033. PRIDE BEATITUDE 2D 51571.**

PRIDE BEATITUDE 2d 4033 A. R. O. In 4 y. 10 m. 4 d., 11.914 lbs. fat.	{	Marcella Lincoln's Sir Henry 22946.	{	Carl Henry's Beatitude's Sir Henry 20262.
				Marcella Lincoln 9928 H.
		Pride Beatitude 46548.		Carl Henry's Beatitude's Sir Henry 20262. Pride of Gorham 4939 H.

Owned by W. H. Davis, Washington Hollow, N. Y. Bred by W. M. Benninger, Benningers, Pa. Calved November 30, 1899.

Official Butter Record: Dropped calf October 4, 1904, at 4 y. 10 m. 4 d. of age; commenced record December 22, 11 a. m., 1904; closed record December 29, 5 a. m.; 7 days' production 11.914 lbs. butter fat; milk 312 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

**MOLLIE DE KOL ARTIS 3206 A. R. O. 53888.**

MOLLIE DE KOL ARTIS 3206 A. R. O. In 4 y. 1 m. 27 d., 32.627 lbs. fat 14 d.	{	Manor De Kol 130 A. R.	{	De Kol 2d's: Netherland 118 A. R.
				Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.
		Molly Wood 3d's De Kol 43820.		De Kol Artis 189 A. R.
				Molly Wood 3d 25679.

Owned by H. G. Whitney, Ilion, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 229.]

Second Official Butter Record: Dropped calf December 31, 1904, at 4 y. 1 m. 27 d. of age; commenced record February 3, 4 p. m., 1905; closed record February 10, 10 a. m.; 7 days' production 16.686 lbs. butter fat; milk 424 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 31, 1904, at 4 y. 1 m. 27 d. of age; commenced record January 28, 10 p. m., 1905; closed record February 11, 4 p. m.; 14 days' production 32.627 lbs. butter fat; milk 848.3 lbs.

Attested by Archie Stone, Cornell University Agricultural Experiment Station.

**ZORA PAULINE PAUL DE KOL 3205 A. R. O. 48424.**

ZORA PAULINE PAUL DE KOL 3205 A. R. O. In 6 y. 3 d., 27.613 lbs. fat 14 d.	{	Pauline Paul 2d's Count 190 A. R.	{	Count Paul De Kol 324 A. R.
				Pauline Paul 2d 31477.
		Shadeland Zora 2d 1178 A. R. O. In 9 y. 4 m. 16 d., 69.333 lbs. fat 30 d.		Shadeland Boon 2d's King 11999.
				Shadeland Zora 19863.

Owned by H. G. Whitney, Ilion, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 228.]

Second Official Butter Record: Dropped calf January 20, 1905, at 6 y. 3 d. of age; commenced record February 1, 10 p. m., 1905; closed record February 8, 4 p. m.; 7 days' production 14.413 lbs. butter fat; milk 412.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 20, 1905, at 6 y. 3 d. of age; commenced record January 28, 10 p. m., 1905; closed record February 11, 4 p. m.; 14 days' production 27.613 lbs. butter fat; milk 806.9 lbs.

Attested by Archie Stone, Cornell University Agricultural Experiment Station.



**NO. 4034. BAWN BUCKEYE 3D 47971.**

BAWN BUCKEYE 3d 4034 A. R. O. In 6 y. 10 m. 12 d., 13.158 lbs. fat.	{	Monk Lyons 21327.	{	Lady Fay's Monk 17253.
		Bawn Buckeye 34770.		Lady of Lyons 240 A. R. P. In 2 y. 9 d., 8,761 5-16 lbs. milk 10 m.
			{	Ophelia 3d's Bawn 16927.
			{	Buckeye Girl 4th 18767.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved February 26, 1898.

Official Butter Record: Dropped calf January 8, 1905, at 6 y. 10 m. 12 d. of age; commenced record January 29, 1905; closed record February 5; 7 days' production 13.158 lbs. butter fat; milk 447.2 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**MERCENA 2D 2607 A. R. O. 62122.**

MERCENA 2d 2607 A. R. O. In 5 y. 4 m. 24 d., 90.666 lbs. fat 30 d.	{	Abbekerk Prince 273 A. R.	{	Colanthus Abbekerk 15596.
		Mercena 1810.		Hiemke 4th 54292.
			{	Pieter 209 N. H. B.
			{	Mantel I. 3925 N. H. B.

Owned by James Rettie, Norwich, Ont.

[Entry of additional records. For previous records see Vol. XIV, page 120, Vol. XV, page 206.]

Third Official Butter Record: Dropped calf January 4, 1905, at 5 y. 4 m. 24 d. of age; commenced record February 5, 1905; closed record February 11; 7 days' production 22.108 lbs. butter fat; milk 544.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 4, 1905, at 5 y. 4 m. 24 d. of age; commenced record February 1, 1905; closed record February 14; 14 days' production 43.132 lbs. butter fat; milk 1,066.8 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf January 4, 1905, at 5 y. 4 m. 24 d. of age; commenced record February 1, 1905; closed record February 21; 21 days' production 64.174 lbs. butter fat; milk 1,602.1 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 4, 1905, at 5 y. 4 m. 24 d. of age; commenced record February 1, 1905; closed record March 2; 30 days' production 90.666 lbs. butter fat; milk 2,329.5 lbs.

Attested by G. S. Dobbie, Ontario Agricultural Experiment Station.

**NO. 4035. FAVORITE PAULINE DE KOL 74062.**

FAVORITE PAULINE DE  
KOL 4035 A. R. O. In 3  
y. 11 m. 16 d., 39.813 lbs.  
fat 21 d.

Lord Netherland De Kol  
245 A. R.

Netherland De Kol's  
Perfection 223 A. R.

Susie De Kol 1325 A. R. O.  
In 8 y. 10 m. 7 d., 20.245  
lbs. fat.

Favorite De Kol Aaggie  
74061.

Lord Netherland De Kol 245  
A. R.

Gerster Aaggie De Kol  
Pauline 58621.

Owned and bred by E. C. Brill, Poughquag, N. Y. Calved December 23, 1900.

Official Butter Record: Dropped calf December 9, 1904, at 3 y. 11 m. 16 d. of age; commenced record January 19, 5 p. m., 1905; closed record January 26, 11 a. m.; 7 days' production 13.927 lbs. butter fat; milk 317.5 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf December 9, 1904, at 3 y. 11 m. 16 d. of age; commenced record January 6, 1905; closed record January 26; 21 days' production 39.813 lbs. butter fat; milk 913.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 9, 1904, at 3 y. 11 m. 16 d. of age; commenced record January 13, 1905; closed record January 26; 14 days' production 26.851 lbs. butter fat; milk 630 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

**NO. 4036. CHRISTMAS QUEEN DE KOL 74060.**

CHRISTMAS QUEEN DE  
KOL 4036 A. R. O. In 3  
y. 11 m. 28 d., 13.041 lbs.  
fat.

Lord Netherland De Kol 245  
A. R.

Netherland De Kol's  
Perfection 223 A. R.

Susie De Kol 1325 A. R. O.  
In 8 y. 10 m. 7 d., 20.245  
lbs. fat.

Lovely Queen Wayne 74059.

Sir Wayne Paul De Kol  
Pietertje 28327.

Queen Keyes Pietertje  
Pauline 62525.

Owned and bred by E. C. Brill, Poughquag, N. Y. Calved December 25, 1900.

Official Butter Record: Dropped calf December 23, 1904, at 3 y. 11 m. 28 d. of age; commenced record January 5, 1905; closed record January 12; 7 days' production 13.041 lbs. butter fat; milk 322.5 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

**NO. 4037. PAULINE FANCY DE KOL 72702.**

PAULINE FANCY DE  
KOL 4037 A. R. O. In 4  
y. 8 m. 8 d., 26.111 lbs.  
fat 14 d.

Lord Netherland De Kol 245  
A. R.

Netherland De Kol's  
Perfection 223 A. R.

Susie De Kol 1325 A. R. O.  
In 8 y. 10 m. 7 d., 20.245  
lbs. fat.

Brimisma Pietertje De Kol  
55442.

Genesta Echo 2d's Count  
Paul De Kol 22758.

Brimisma Pietertje 55441.

Owned and bred by E. C. Brill, Poughquag, N. Y. Calved March 23, 1899.

Official Butter Record: Dropped calf December 1, 1904, at 4 y. 8 m. 8 d. of age; commenced record December 18, 5 p. m., 1904; closed record December 25, 11 a. m.; 7 days' production 13.529 lbs. butter fat; milk 401.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 1, 1904, at 4 y. 8 m. 8 d. of age; commenced record December 14, 5 p. m., 1904; closed record December 28, 11 a. m.; 14 days' production 26.111 lbs. butter fat; milk 788 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

#### NO. 4038. ROYAL QUEEN DE KOL 72904.

ROYAL QUEEN DE KOL 4038 A. R. O. In 4 y. 3 m. 7 d., 21.176 lbs. fat.	Lord Netherland De Kol 245 A. R.	{ Netherland De Kol's Perfection 223 A. R. Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
	Queen Pauline Pietertje De Kol 58620.	{ Sir Wayne Paul De Kol Pietertje 28327. Queen Pietertje De Kol 58619.

Owned and bred by E. C. Brill, Poughquag, N. Y. Calved September 2, 1900.

Official Butter Record: Dropped calf December 9, 1904, at 4 y. 3 m. 7 d. of age; commenced record January 16, 11 p. m., 1905; closed record January 23, 5 p. m.; 7 days' production 10.873 lbs. butter fat; milk 325.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 9, 1904, at 4 y. 3 m. 7 d. of age; commenced record January 14, 11 a. m., 1905; closed record January 28, 5 a. m.; 14 days' production 21.176 lbs. butter fat; milk 638.8 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

#### NO. 4039. MEG RECTOR 3D 73990.

MEG RECTOR 3d 4039 A. R. O. In 5 y. 3 m. 20 d., 76.379 lbs. fat 30 d.	Paul Mechthilde De Kol 182 A. R.	{ De Kol 2d's Paul De Kol 107 A. R. Inka Pietertje Mechthilde 1145 A. R. O. In 2 y. 11 m. 23 d., 11.348 lbs. fat.
	Meg Rector 29049.	{ Duff Rector 11922. Fraud 9210 H.

Owned and bred by A. J. Daughterity, Streator, Ill. Calved September 20, 1899.

Official Butter Record: Dropped calf January 10, 1905, at 5 y. 3 m. 20 d. of age; commenced record February 8, 1905; closed record February 14; 7 days' production 19.446 lbs. butter fat; milk 500 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 10, 1905, at 5 y. 3 m. 20 d. of age; commenced record January 18, 1905; closed record February 16; 30 days' production 76.379 lbs. butter fat; milk 2,070.6 lbs.

Attested by Morgan Harris, Illinois Agricultural Experiment Station.

#### NO. 4040. PONTIAC INKA 61113.

✓ PONTIAC INKA 4040 A. R. O. In 2 y. 5 m. 22 d., 9.637 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{         De Kol 2d's Butter Boy 129 A. R. Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
		Pontiac Atropos 2319 A. R. O. In 4 y. 3 m. 6 d., 11.803 lbs. fat.	{         Sir Inka Artis Mechthilde 191 A. R. Belle of Troy 38618.

Owned by W. C. Hunt, Liverpool, N. Y. Bred by Eastern Michigan Asylum, Pontiac, Mich. Calved June 16, 1902.

Official Butter Record: Dropped calf December 8, 1904, at 2 y. 5 m. 22 d. of age; commenced record January 29, 1905; closed record February 5; 7 days' production 9.637 lbs. butter fat; milk 291.4 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

#### PRESCOTT INKA DE KOL CLOTHILDE 3427 A. R. O. 59981.

PRESCOTT INKA DE KOL CLOTHILDE 3427 A. R. O. In 3 y. 2 m. 26 d., 29.922 lbs. fat 14 d.	{	Paul Beets De Kol 113 A. R.	{         De Kol 2d's Paul De Kol 107 A. R. Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
		Edith Prescott 2d's Inka Clothilde 37003.	{         Jannek 4th's Clothilde 19745. Edith Prescott 2d's Inka 32621.

Owned by W. C. Hunt, Liverpool, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 354.]

Second Official Butter Record: Dropped calf January 18, 1905, at 3 y. 2 m. 26 d. of age; commenced record February 4, 1905; closed record February 10; 7 days' production 15.148 lbs. butter fat; milk 480.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 18, 1905, at 3 y. 2 m. 26 d. of age; commenced record February 1, 1905; closed record February 15; 14 days' production 29.922 lbs. butter fat; milk 951.7 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**NO. 4041. STATE BELLS DE KOL 51186.**

STATE BELLS DE KOL 4041 A. R. O. In 5 y. 10 m. 26 d., 14,341 lbs. fat.	{	Alexander's De Kol 349 A. R.	{ De Kol 2d's Alban 114 A. R.
			{ Alexander's Queen 2d 666 A. R. P. In 4 y. 3 m. 5 d., 20 lbs. butter by churn.
	{	Mercedes State Bells 37107.	{ Mercedes Criterion 17551. Netherland Lucy Bells 29242.

Owned by W. C. Hunt, Liverpool, N. Y. Bred by George F. Carter, Syracuse,  
N. Y. Calved February 27, 1899.

Official Butter Record: Dropped calf January 23, 1905, at 5 y. 10 m. 26 d.  
of age; commenced record February 2, 1905; closed record February 9; 7 days'  
production 14,341 lbs. butter fat; milk 394.9 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment  
Station.

**NO. 4042. NORMA PAULINE HENGERVELD DE KOL 56678.**

NORMA PAULINE HENG- ERVELD DE KOL 4042 A. R. O. In 3 y. 11 m. 18 d., 32,239 lbs. fat 14 d.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{ Manor De Kol 130 A. R.
			{ De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21,261 lbs. fat.
	{	Norma De Kol 2d 42730.	{ Pauline Paul's De Kol 180 A. R. Norma De Kol 36290.

Owned by W. C. Hunt, Liverpool, N. Y. Bred by A. M. Breed, Big Flats, N. Y.  
Calved January 20, 1901.

Official Butter Record: Dropped calf January 8, 1905, at 3 y. 11 m. 18 d. of  
age; commenced record January 26, 1905; closed record February 1; 7 days'  
production 16,369 lbs. butter fat; milk 519.8-lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January  
8, 1905, at 3 y. 11 m. 18 d. of age; commenced record January 19, 1905; closed  
record February 1; 14 days' production 32,239 lbs. butter fat; milk 1,007.8 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment  
Station.

**CALAMITY JANE 3D 2439 A. R. O. 53056.**

CALAMITY JANE 3d 2439 A. R. O. In 4 y. 6 m. 10 d., 59,635 lbs. fat 30 d.	{	Winnie R's De Kol 25836.	{ Netherland De Kol Pietertje 267 A. R.
			{ Winnie R. 1305 A. R. P. In 5 y. 11 m. 19 d., 17,502 lbs. milk 1 y.
	{	Calamity Jane 1311 A. R. O. In 7 y. 10 m. 11 d., 20,041 lbs. fat.	{ Nigger 2871. Kate Edge 5401.



Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 32.]

Second Official Butter Record: Dropped calf December 8, 1904, at 4 y. 6 m. 10 d. of age; commenced record December 29, 11 p. m., 1904; closed record January 5, 5 p. m., 1905; 7 days' production 15.260 lbs. butter fat; milk 497.8 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf December 8, 1904, at 4 y. 6 m. 10 d. of age; commenced record December 18, 11 p. m., 1904; closed record January 17, 5 p. m., 1905; 30 days' production 59.635 lbs. butter fat; milk 2,011.7 lbs.

Attested by F. R. Barnard, G. W. Tailby, Jr., and C. C. Cole, Cornell University Agricultural Experiment Station.

NO. 4043. ROSE BURKE 63449.

ROSE BURKE 4043 A. R. O. In 2 y. 9 m. 15 d., 11.409 lbs. fat.	{	Piebe De Kol Burke 165 A. R.	{	De Kol Burke 162 A. R.
	{	Glen Rose De Kol 1909 A. R. O. In 5 y. 9 m. 15 d., 76.249 lbs. fat 30 d.	{	De Kol Burke 162 A. R.
				Glen Rose 3d 44121.

Owned and bred by W. A. Matteson, Utica, N. Y. Calved February 12, 1902.

Official Butter Record: Dropped calf November 27, 1904, at 2 y. 9 m. 15 d. of age; commenced record December 19, 1904; closed record December 25; 7 days' production 11.409 lbs. butter fat; milk 292.1 lbs.

Attested by F. R. Barnard and G. W. Tailby, Jr., Cornell University Agricultural Experiment Station.

NO. 4044. JOLIE JOHANNA CLOTHILDE DE KOL 72194.

	{	De Kol 2d's Mutual Paul 152 A. R.	{	Mutual Friend 3d's Paul 148 A. R.
JOLIE JOHANNA CLO- THILDE DE KOL 4044 A. R. O. In 3 y. 7 m. 23 d., 11.508 lbs. fat.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.		
	{	Jolie Johanna Clothilde 52356.	{	Onyx Clothilde Pledge 28339.  Jolie Onyx 43770.

Owned by W. C. Hunt, Liverpool, N. Y. Bred by George F. Carter, Syracuse,  
N. Y. Calved April 11, 1901.

Official Butter Record: Dropped calf December 4, 1904, at 3 y. 7 m. 23 d. of age; commenced record January 17, 1905; closed record January 23; 7 days' production 11.508 lbs. butter fat; milk 345.5 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**NO. 4045. HETJE VERNON DE KOL 52516.**

HETJE VERNON DE KOL 4045 A. R. O. In 4 y. 11 m. 1 d., 14.535 lbs. fat.	Homestead Vernon De Kol 220 A. R.	Pietertje Hengerveld's Paul De Kol 109 A. R.
	Hetje 6th's Mechthilde 1388 A. R. O. In 7 y. 11 m. 4 d., 14.088 lbs. fat.	Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.
		Inka 4th's Mechthilde 122 A. R.
		Hetje 6th 30848.

Owned by John C. Sharp, Blairstown, N. J. Bred by A. A. Cortelyou, Neshanic, N. J. Calved March 4, 1900.

Official Butter Record: Dropped calf February 5, 1905, at 4 y. 11 m. 1 d. of age; commenced record March 5, 1905; closed record March 11; 7 days' production 14.535 lbs. butter fat; milk 439.3 lbs.

Attested by J. W. Easton, New Jersey Agricultural Experiment Station.

**NO. 4046. PANSY KAASTRA 57626.**

PANSY KAASTRA 4046 A. R. O. In 3 y. 6 m. 17 d., 13.104 lbs. fat.	Pontiac Butter Boy 327 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Nox Kaastra 25008.	Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
		Seer 5027.
		Tiet Kaastra 2d 2501.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved July 10, 1901.

Official Butter Record: Dropped calf January 27, 1905, at 3 y. 6 m. 17 d. of age; commenced record March 4, 1905; closed record March 10; 7 days' production 13.104 lbs. butter fat; milk 347.1 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NO. 4047. LAUNDRY GIRL 58888.**

LAUNDRY GIRL, 4047 A. R. O. In 3 y. 1 m. 3 d., 12.165 lbs. fat.	Pontiac Butter Boy 327 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Laundry Maid 4299 A. R. O. In 8 y. 7 m. 17 d., 13.500 lbs. fat.	Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
		Manistee 21996.
		Doretha 19170.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved January 16, 1902.

Official Butter Record: Dropped calf February 19, 1905, at 3 y. 1 m. 3 d. of age; commenced record March 5, 1905; closed record March 11; 7 days' production 12.165 lbs. butter fat; milk 401 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NO. 4048. NOX KAASTRA'S ECHO 49979.**

NOX KAASTRA'S ECHO 4048 A. R. O. In 6 y. 4 d., 13.241 lbs. fat.	{	Prince Echo 22966.	{	Hugh Rhoda Mercedes 15855.
			{	Echo Colusa 36419.
	{	Nox Kaastra 25008.	{	Seer 5027.
			{	Tiet Kaastra 2d 2501.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved February 18, 1899.

Official Butter Record: Dropped calf February 22, 1905, at 6 y. 4 d. of age; commenced record March 5, 1905; closed record March 11; 7 days' production 13.241 lbs. butter fat; milk 371.4 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NO. 4049. ATTA PONTIAC 50863.**

✓ ATTA PONTIAC 4049 A. R. O. In 5 y. 4 m., 12.229 lbs. fat.	{	Pontiac Butter Boy 327 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
			{	Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
	{	Atta 20842.	{	Seer 5027.
			{	Anselmia 922.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved August 6, 1899.

Official Butter Record: Dropped calf December 6, 1904, at 5 y. 4 m. of age; commenced record March 6, 1905; closed record March 12; 7 days' production 12.229 lbs. butter fat; milk 368.9 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NO. 4050. EN TRAIN 55458.**

EN TRAIN 4050 A. R. O. In 4 y. 6 m. 14 d., 12.441 lbs. fat.	{	Sir Ykema Mercedes 25140.	{	Walled Lake Queen's Ykema Mercedes 22659.
			{	Senora Ykema 2d's Mercedes 40267.
	{	Mariannetta Odessa 37821.	{	Mechthilde 2d's Colanthus 14683.
			{	Mariannetta Clyde 19914.

Owned by Northern Michigan Asylum, Traverse City, Mich. Bred by David Atkins, Atkins, Mich. Calved August 9, 1900.

Official Butter Record: Dropped calf February 23, 1905, at 4 y. 6 m. 14 d. of age; commenced record March 4, 1905; closed record March 10; 7 days' production 12.441 lbs. butter fat; milk 413.9 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NO. 4051. MINITA INKA 64614.**

MINITA INKA 4051 A. R. O. In 2 y. 2 m. 13 d., 9.660 lbs. fat.	{	Sir Inka Netherland Hartog 26693.	{	Sir Inka Artis Mechthilde 191 A. R.
				Netherland Pietertje Hartog 1181 A. R. O. In 4 y. 1 m. 14 d., 10.972 lbs. fat.
		{	{	Pontiac Butter Boy 327 A. R.
				Minita 26432.
		Minita's Milk Maid 50869.		

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved November 12, 1902.

Official Butter Record: Dropped calf January 29, 1905, at 2 y. 2 m. 13 d. of age; commenced record March 4, 1905; closed record March 10; 7 days' production 9.660 lbs. butter fat; milk 298.7 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NO. 4052. NINETTA BUTTER GIRL 66956.**

NINETTA BUTTER GIRL 4052 A. R. O. In 2 y. 1 m. 12 d., 7.756 lbs. fat.	{	Minita Butter Boy 28908.	{	Pontiac Butter Boy 327 A. R.
				Minita 26432.
		{	{	Omena 22967.
				Primula Netherland 42668.
		Ninetta Omena 46204.		

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved December 17, 1902.

Official Butter Record: Dropped calf January 29, 1905, at 2 y. 1 m. 12 d. of age; commenced record March 4, 1905; closed record March 10; 7 days' production 7.756 lbs. butter fat; milk 234.1 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NO. 4053. NETHERLAND QUEEN ONONIS 44595.**

NETHERLAND QUEEN ONONIS 4053 A. R. O. In 7 y. 4 m. 8 d., 14.750 lbs. fat.	{	Sir Ononis Netherland 300 A. R.	{	Soldene 2d's Netherland 8519.
				Ononis 2366 H.
		{	{	Pietertje Hartog 137 A. R.
				Alma Kuperus 2d 2690.
		Nancy Kuperus 28534.		

Owned by C. F. Hunt, Manlius, N. Y. Bred by J. W. Coley, New Woodstock, N. Y. Calved September 21, 1897.

Official Butter Record: Dropped calf January 29, 1905, at 7 y. 4 m. 8 d. of age; commenced record February 11, 1905; closed record February 17; 7 days' production 14.750 lbs. butter fat; milk 438.7 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**NO. 4054. CLOTHILDE SPOFFORD QUEEN 59934.**

CLOTHILDE SPOFFORD QUEEN 4054 A. R. O. In 3 y. 7 m. 20 d., 11.934 lbs. fat.	{	Sir Duchess Spofford 26603.	{	St. Jacob Spofford 23135.
				May Duchess 37446.
	{	Queen of Fort Hill Clothilde 48749.	{	Clothilde Rex 19639.
				Queen of Fort Hill 37204.

Owned by C. F. Hunt, Manlius, N. Y. Bred by E. W. Fuggle, Delphi, N. Y.  
Calved April 22, 1901.

Official Butter Record: Dropped calf December 12, 1904, at 3 y. 7 m. 20 d. of age; commenced record February 9, 1905; closed record February 16; 7 days' production 11.934 lbs. butter fat; milk 346 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**NO. 4055. APRIL DENVER 60143.**

APRIL DENVER 4055 A. R. O. In 2 y. 9 m. 14 d., 24.655 lbs. fat 14 d.	{	Pontiac Butter Boy 327 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
				Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
	{	Minnie Denver 286 W.	{	Femue's Prince of Genoa 12542.
				Ida Denver 14651.

Owned by C. F. Hunt, Manlius, N. Y. Bred by Northern Michigan Asylum, Traverse City, Mich. Calved April 1, 1902.

Official Butter Record: Dropped calf January 15, 1905, at 2 y. 9 m. 14 d. of age; commenced record February 11, 10 p. m., 1905; closed record February 18, 4 p. m.; 7 days' production 12.683 lbs. butter fat; milk 311.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 15, 1905, at 2 y. 9 m. 14 d. of age; commenced record February 7, 10 a. m., 1905; closed record February 21, 4 a. m.; 14 days' production 24.655 lbs. butter fat; milk 614.1 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**MERCEDES RIJANETA MECHTHILDE 2764 A. R. O. 53282.**

MERCEDES RIJANETA Mechthilde 2764 A. R. O. In 5 y. 2 m. 18 d., 16.792 lbs. fat.	{	Prince Daisy Mechthilde 244 A. R.	{	Mechthilde's Sir Henry of Maplewood 201 A. R.
				Daisy Sindt 1217 A. R. O. In 4 y. 6 m. 24 d., 16.530 lbs. fat.
	{	Jennie Dowager 46023.	{	Jeck's Prince 234 A. R.
				Mercedes Dowager 15983.



Owned by C. F. Hunt, Manlius, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 209, Vol. XV, page 275.]

Third Official Butter Record: Dropped calf January 16, 1905, at 5 y. 2 m. 18 d. of age; commenced record February 13, 1905; closed record February 20; 7 days' production 16.792 lbs. butter fat; milk 509.9 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

#### NO. 4056. DINA 4TH 69952.

DINA 4th 4056 A. R. O. In 2 y. 10 m. 3 d., 25.643 lbs. fat 14 d.	{	Pieter 4th 2710 F. H. B.
Dina 2d 10501 F. H. B.		

Owned by C. F. Hunt, Manlius, N. Y. Bred by N. K. Kuperus, St. Jacobi Parochie, Friesland. Calved February 22, 1902.

Official Butter Record: Dropped calf December 25, 1904, at 2 y. 10 m. 3 d. of age; commenced record February 14, 1905; closed record February 20; 7 days' production 13.856 lbs. butter fat; milk 332.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf December 25, 1904, at 2 y. 10 m. 3 d. of age; commenced record February 7, 1905; closed record February 21; 14 days' production 25.643 lbs. butter fat; milk 631.2 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

#### NO. 4057. LACY LEE 50616.

LACY LEE 4057 A. R. O. In 5 y. 11 m. 25 d., 13.696 lbs. fat.	{	Palmar 22626.	{	Salma 2d's Duke 22625.
				Vokolina's Etta 24514.
			Salomina 4991.	{
		Lady Mary 1001 H.		

Owned by L. G. Legler, Juda, Wis. Bred by Dan Trumpy, Clarno, Wis. Calved January 22, 1899.

Description: Age, 6 y. 29 d.; dairy and beef form; head, proportionate, symmetrical; neck, moderately long, firm; chine, straight, prominent, open vertebræ; loin and hips, long, wide, nearly level; rump, wide, long, slightly drooping; escutcheon, good; mammary veins, large, long, branching; udder, capacious, sym-

metrical, quarters even; teats, good; handling, very good; secretions of skin, moderately abundant, oily; general appearance, healthy, vigorous; height, shoulders 53.5 inches, hips 54.5; length, body 67, rump 20; width, hips 21.5, thurl 20; girth 74; weight, 1,400 lbs. Est.; examiner, O. J. Hanzlik; examined February 21, 1905.

Official Butter Record: Dropped calf January 17, 1905, at 5 y. 11 m. 25 d. of age; commenced record February 11, 1905; closed record February 17; 7 days' production 13.696 lbs. butter fat; milk 386.9 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### SILVER JOSEPHINE 3345 A. R. O. 69724.

SILVER JOSEPHINE 3345 A. R. O. In 6 y. 7 m. 12 d., 14.915 lbs. fat.	{ Gerben Mechthilde Sir Josephine 170 A. R. { Empress Josephine 3d's Sir Mechthilde 20255. Harmenke's Gerben 23956.
	{ Susie Netherland Beauty 45919. { Netherland Carl 16 A. R. Susie Herbert 25242.

Owned by L. G. Legler, Juda, Wis.

[Entry of additional records. For previous records see Vol. XV, page 307.]

Second Official Butter Record: Dropped calf January 21, 1905, at 6 y. 7 m. 12 d. of age; commenced record February 11, 1905; closed record February 17; 7 days' production 14.915 lbs. butter fat; milk 353.2 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### NO. 4058. JULIA ANNE PARTHENEAE 52117.

JULIA ANNE PARTHENEAE 4058 A. R. O. In 5 y. 11 m. 10 d., 36.789 lbs. fat 14 d.	{ Prince Partheneae Colantha 23368. { Aurora's Partheneas 23343. Teuntje 4th 1278 D. F.
	{ Julia Anne of Highland 23220. { Star Prince 8229. Madrigal 2d 1326.

Owned by L. G. Legler, Juda, Wis. Bred by Ezra Blumer, Farmers Grove, Wis. Calved February 21, 1899.

Description: Age, 6 y.; dairy and beef form; head, proportionate, symmetrical; neck, moderately long, straight; chine, straight, wide; loin and hips, very wide, long, level; rump, very wide, long, high; escutcheon, very good; mammary veins, large, long; udder, symmetrical, very capacious, quarters nearly even in size; teats, small; handling, good; secretions of skin, abundant, oily; general appearance, healthy, vigorous; height, shoulders 52 inches, hips 53.5; length, body 66.5, rump 21; width, hips 22.5, thurl 20.5; girth 80; weight, 1,550 lbs. Est.; examiner, O. J. Hanzlik; examined February 21, 1905.

Official Butter Record: Dropped calf February 1, 1905, at 5 y. 11 m. 10 d. of age; commenced record February 11, 1905; closed record February 17; 7 days' production 20.260 lbs. butter fat; milk 432.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 1, 1905, at 5 y. 11 m. 10 d. of age; commenced record February 11, 1905; closed record February 24; 14 days' production 36.789 lbs. butter fat; milk 788.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 1, 1905, at 5 y. 11 m. 10 d. of age; commenced record February 11, 1905; closed record March 12; 30 days' production 70.013 lbs. butter fat; milk 1,465 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### NO. 4059: PAUL DE KOL AAGGIE BEAUTY 46898.

PAUL DE KOL AAGGIE BEAUTY 4059 A. R. O. In 6 y. 9 m. 13 d., 15.884 lbs. fat.	{ Paul De Kol's Aaggie 188 A. R.	{ Paul De Kol 97 A. R. Aaggie 3d's Wayne 962 A. R. O. In 8 y. 3 m., 16.582 lbs. fat.
	{ Muscatella 13904.	{ Vigil 3955. Nicholina 4th 4789.

Owned by W. W. Cheney, Manlius, N. Y. Bred by George F. Carter, Syracuse, N. Y. Calved March 26, 1898.

Official Butter Record: Dropped calf January 9, 1905, at 6 y. 9 m. 13 d. of age; commenced record February 13, 1905; closed record February 20; 7 days' production 15.884 lbs. butter fat; milk 501.4 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

#### LORINE 3038 A. R. O. 39244.

LORINE 3038 A. R. O. In 10 y. 3 d., 18.858 lbs. fat.	{ Pleasant Valley Mooie 132 A. R.	{ Seth Veeman 12525. Pleasant Valley Maid 482 A. R. P. In 4 y. 29 d., 744 lbs. milk 10 d.
	{ Lora M. 18479.	{ Alma Kuperus' Nero 7253. Minnie M. 8681.

Owned by W. W. Cheney, Manlius, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 124.]

Second Official Butter Record: Dropped calf January 11, 1905, at 10 y. 3 d. of age; commenced record February 9, 1905; closed record February 16; 7 days' production 18.858 lbs. butter fat; milk 608.3 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**ALTOANA DE KOL EDITH 2565 A. R. O. 54655.**

ALTOANA DE KOL EDITH 2565 A. R. O. In 4 y. 10 m. 23 d., 13.705 lbs. fat.	{	Sir Veeman Lamb De Kol 236 A. R.	{	Lamb De Kol Pietertje 218 A. R.
				Sethje Veeman 4th's Pietertje 44023.
		Altoana 4th's Pietertje 54654.	{	Sir Pietertje Lamb 337 A. R.
				Altoana 4th 28866.

Owned by W. W. Cheney, Manlius, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 99.]

Second Official Butter Record: Dropped calf January 12, 1905, at 4 y. 10 m. 23 d. of age; commenced record February 8, 1905; closed record February 15; 7 days' production 13.705 lbs. butter fat; milk 423 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 4060. LUZETTE PIETERTJE NETHERLAND 49804.**

LUZETTE PIETERTJE NETHERLAND 4060 A. R. O. In 5 y. 11 m., 15.305 lbs. fat.	{	Sir Ononis Netherland 300 A. R.	{	Soldene 2d's Netherland 8519.
				Ononis 2366 H.
		Daisy Pietertje 34886.	{	Pietertje Hartog 137 A. R.
				Daisy Moselle 18483.

Owned by W. W. Cheney, Manlius, N. Y. Bred by J. W. Coley, New Woodstock, N. Y. Calved February 7, 1899.

Official Butter Record: Dropped calf January 7, 1905, at 5 y. 11 m. of age; commenced record February 8, 1905; closed record February 15; 7 days' production 15.305 lbs. butter fat; milk 445.4 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 4061. VEEMAN BOON DE KOL 62750.**

VEEMAN BOON DE KOL 4061 A. R. O. In 2 y. 9 m. 5 d., 41.992 lbs. fat 30 d.	{	Woodland Lass De Kol's King 355 A. R.	{	De Kol 2d's Butter Boy 3d 129 A. R.
				Woodland Lass De Kol 43813.
		Sethje Veeman 4th's Boon 38958.	{	Shadeland Boon 2d's King 11999.
				Sethje Veeman 4th 24610.

Owned by Bradley Fuller, Utica, N. Y. Bred by Lamb Brothers, East Hamilton, N. Y. Calved February 25, 1902.

Official Butter Record: Dropped calf November 30, 1904, at 2 y. 9 m. 5 d. of age; commenced record January 4, 1905; closed record January 10; 7 days' production 11.873 lbs. butter fat; milk 342.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf November 30, 1904, at 2 y. 9 m. 5 d. of age; commenced record December 19, 1904; closed record January 17, 1905; 30 days' production 41.992 lbs. butter fat; milk 1,281.7 lbs.

Attested by F. R. Barnard, G. W. Tailby, Jr., and C. C. Cole, Cornell University Agricultural Experiment Station.

### MAUD DE KOL 1623 A. R. O. 41887.

MAUD DE KOL, 1623 A. R. O. In 8 y. 9 m. 9 d., 17.485 lbs. fat.	Count Mechthilde De Kol 242 A. R.	{ Sir Abbekerk 19056. Netherland De Kol 1006 A. R. P. In 2 y. 5 m. 21 d., 82 15-32 lbs. butter 30 d. by churn.
	Nannette of Bloomingdale 29797.	{ Emporium 855. Nannette 4th 12640.

Owned by J. W. Dimick, Rifton, N. Y.

[Entry of additional records. For previous records see Vol. XI, page 52, Vol. XII, page 59, Vol. XIV, page 89.]

Fourth Official Butter Record: Dropped calf December 29, 1904, at 8 y. 9 m. 9 d. of age; commenced record January 4, 1905; closed record January 11; 7 days' production 17.485 lbs. butter fat; milk 521.2 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

### NO. 4062. FARMSTEAD RAPHAELLA 74310.

FARMSTEAD RAPHAEL- LA 4062 A. R. O. In 2 y. 5 m. 11.781 lbs. fat.	Homestead Pietertje De Kol Paul 26346.	{ Paul Beets De Kol 113 A. R. Aaggie Lily 3d's Netherland 1224 A. R. O. In 10 y. 12 d., 13.911 lbs. fat.
	Raphaella 3d 1110 A. R. P. In 2 y. 3 m. 1 d., 6,987 lbs. milk 10 m.	{ Aaggie Grace's Boy 7068. Raphaella 6279.

Owned and bred by Bradley Fuller, Utica, N. Y. Calved August 12, 1902.

Official Butter Record: Dropped calf January 12, 1905, at 2 y. 5 m. of age; commenced record January 30, 11 a. m., 1905; closed record February 6, 5 a. m.; 7 days' production 11.781 lbs. butter fat; milk 351.9 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.



**NO. 4063. MADRIGAL MECHTHILDE TIRANIA 75062.**

MADRIGAL MECH- THILDE TIRANIA 4063 A. R. O. In 5 y. 10 m. 6 d., 27.871 lbs. fat 14 d.	{	Mechthilde Sir Tirania 344 A. R.	{	Sir Castine Mechthilde 20246.
				Princess Artis Mechthilde 31476.
	{	Madrigal Netherland Pet 3332 A. R. O. In 6 y. 8 m. 8 d., 19.984 lbs. fat.	{	Aaggie Netherland Duke 21418.
				Madrigal Netherland 27585.

Owned by L. G. Legler, Juda, Wis. Bred by John Legler & Son, Juda, Wis.  
Calved April 8, 1899.

Description: Age, 5 y. 11 m. 1 d.; dairy form; head, proportionate, symmetrical; neck, long; chine, prominent, straight, open vertebræ; loin and hips, wide, straight, nearly level; rump, wide, moderately high; escutcheon, good; mammary veins, long, large, crooked; udder, capacious, symmetrical, quarters nearly even; teats, very good; handling, superior; secretions of skin, very oily, abundant, yellow; general appearance, healthy, vigorous; height, shoulders 52.5 inches, hips 55; length, body 65, rump 21.25; width, hips 22, thurl 20; girth 75; weight, 1,300 lbs. Est.; examiner, O. J. Hanzlik; examined March 9, 1905.

Official Butter Record: Dropped calf February 14, 1905, at 5 y. 10 m. 6 d. of age; commenced record February 28, 1905; closed record March 6; 7 days' production 14.164 lbs. butter fat; milk 349.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 14, 1905, at 5 y. 10 m. 6 d. of age; commenced record February 21, 1905; closed record March 6; 14 days' production 27.871 lbs. butter fat; milk 689 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**SIR BARRINGTON CLOTHILDE'S BELLE 3472 A. R. O. 52948.**

SIR BARRINGTON CLO- THILDE'S BELLE 3472 A. R. O. In 7 y. 7 m. 13 d., 14.542 lbs. fat.	{	Sir Barrington Clothilde 21930.	{	Sir Netherland Soldene . Clothilde 18390.
				Alice M. Barington 22517.
	{	Belle of Valley Netherland 17738.	{	Valley Netherland 2975.
				Adiba 3251.

Owned by F. P. Knowles, Auburn, Mass.

[Entry of additional records. For previous records see Vol. XV, page 384.]

Second Official Butter Record: Dropped calf February 15, 1905, at 7 y. 7 m. 13 d. of age; commenced record March 2, 1905; closed record March 8; 7 days' production 14.542 lbs. butter fat; milk 449.8 lbs.

Attested by Herman A. Luhlhe, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4064. MISS MCGINTY 3D A. 64330.**

MISS MCGINTY 3d A. 4064 A. R. O. In 1 y. 11 m. 17 d., 9.433 lbs. fat.	{	Clothilde Netherland De Kol King 336 A. R.	{	Sir Veeman Lamb De Kol 236 A. R.
				Clothilde Netherland Dartle 53043.
		{	{	Coin King 24787.
				Miss McGinty 19149.

Owned by I. S. Allen, Hubbardsville, N. Y. Bred by G. W. Allen, Sangerfield, N. Y. Calved February 13, 1903.

Official Butter Record: Dropped calf January 30, 1905, at 1 y. 11 m. 17 d. of age; commenced record February 19, 4.30 p. m., 1905; closed record February 26, 10.30 a. m.; 7 days' production 9.433 lbs. butter fat; milk 308.8 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4065. LADY JANE MAY 64333.**

LADY JANE MAY 4065 A. R. O. In 2 y. 4 d., 7.496 lbs. fat.	{	Clothilde Netherland De Kol King 336 A. R.	{	Sir Veeman Lamb De Kol 236 A. R.
				Clothilde Netherland Dartle 53043.
		{	{	Coin King 24787.
				Lady Jane Eyre 2d 25121.

Owned by I. S. Allen, Hubbardsville, N. Y. Bred by C. W. Allen, Sangerfield, N. Y. Calved January 25, 1903.

Official Butter Record: Dropped calf January 29, 1905, at 2 y. 4 d. of age; commenced record February 15, 4.30 a. m., 1905; closed record February 21, 10.30 p. m.; 7 days' production 7.496 lbs. butter fat; milk 284.1 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4066. BESS BOON 64332.**

BESS BOON 4066 A. R. O. In 2 y. 2 m. 5 d., 10.529 lbs. fat.	{	Clothilde Netherland De Kol King 336 A. R.	{	Sir Veeman Lamb De Kol 236 A. R.
				Clothilde Netherland Dartle 53043.
		{	{	Coin King 24787.
				Bess 2d 28444.

Owned by I. S. Allen, Hubbardsville, N. Y. Bred by G. W. Allen, Sangerfield, N. Y. Calved December 10, 1902.

Official Butter Record: Dropped calf February 15, 1905, at 2 y. 2 m. 5 d. of age; commenced record February 22, 4.30 p. m., 1905; closed record March 1, 10.30 a. m.; 7 days' production 10.529 lbs. butter fat; milk 360.2 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

#### NO. 4067. ROONEY BELLE 2D 64334.

ROONEY BELLE 2d 4067 A. R. O. In 2 y. 1 m. 7 d. 8.535 lbs. fat.	{ <div>             Clothilde Netherland De Kol              King 336 A. R.           </div>	{ <div>             Sir Veeman Lamb De Kol              236 A. R.           </div>
		{ <div>             Clothilde Netherland Dartle              53043.           </div>
	{ <div>             Rooney Belle 63751.           </div>	{ <div>             Sir Richard Tekstra 20820.              Rooney 23386.           </div>

Owned by I. S. Allen, Hubbardsville, N. Y. Bred by G. W. Allen, Sangerfield, N. Y. Calved December 22, 1902.

Official Butter Record: Dropped calf January 29, 1905, at 2 y. 1 m. 7 d. of age; commenced record February 17, 4.30 a. m., 1905; closed record February 23, 10.30 p. m.; 7 days' production 8.535 lbs. butter fat; milk 328.5 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

#### NO. 4068. IRENE DE KOL HILDA 63765.

IRENE DE KOL HILDA 4068 A. R. O. In 4 y. 27 d., 13.685 lbs. fat.	{ <div>             Prince De Kol Hilda 25040.           </div>	{ <div>             Clothilde 4th's Imperial King              21584.           </div>
		{ <div>             Lord De Kol's Hilda 40358.           </div>
	{ <div>             Susie Irene 63764.           </div>	{ <div>             Duke Pietertje Lamb 25042.              Quoque 2d's Susie 63763.           </div>

Owned by I. S. Allen, Hubbardsville, N. Y. Bred by D. A. Holmes, Hubbardsville, N. Y. Calved December 24, 1900.

Official Butter Record: Dropped calf January 21, 1905, at 4 y. 27 d. of age; commenced record February 22, 4.30 p. m., 1905; closed record March 1, 10.30 a. m.; 7 days' production 13.685 lbs. butter fat; milk 333.4 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4069. ROUBLE HARTOG DE KOL PIETERTJE 69124.**

ROUBLE HARTOG DE KOL PIETERTJE 4069 A. R. O. In 2 y. 3 m. 15 d., 11.155 lbs. fat.	{	Count Clothilde Beets 27431.	{	Maplecroft De Kol 275 A. R.
			{	Clothilde 7th's Clothilde 33131.
	{	Rouble Hartog 2d 67306.	{	Quoque Major 31611. Rouble Hartog 37276.

Owned and bred by I. S. Allen, Hubbardsville, N. Y. Calved September 5, 1902.

Official Butter Record: Dropped calf December 20, 1904, at 2 y. 3 m. 15 d. of age; commenced record February 15, 4.30 a. m., 1905; closed record February 21, 10.30 p. m.; 7 days' production 11.155 lbs. butter fat; milk 335.5 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4070. RUTH TEKSTRA 3D 67305.**

RUTH TEKSTRA 3d 4070 A. R. O. In 1 y. 11 m. 11 d., 9.987 lbs. fat.	{	Clothilde Netherland De Kol King 336 A. R.	{	Sir Veeman Lamb De Kol 236 A. R. Clothilde Netherland Dartle 53043.
			{	Sir Richard Tekstra 20820. Baby Ruth 31238.
	{	Ruth Tekstra 63753.		

Owned by I. S. Allen, Hubbardsville, N. Y. Bred by G. W. Allen, Sangerfield, N. Y. Calved January 8, 1903.

Official Butter Record: Dropped calf December 19, 1904, at 1 y. 11 m. 11 d. of age; commenced record February 16, 10.30 p. m., 1905; closed record February 23, 4.30 p. m.; 7 days' production 9.987 lbs. butter fat; milk 306.1 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4071. PHOEBE VEEMAN 62353.**

PHOEBE VEEMAN 4071 A. R. O. In 6 y. 8 m. 22 d., 35.076 lbs. fat 14 d.	{	Sir Pietertje Lamb 337 A. R.	{	Pietertje Paul 18455. Dieuwke Bergsma 7th 1892 D. F.
			{	Hamilton 24 A. R. Sophie Veeman 472 D. F.
	{	Sophie Veeman 2d 13300.		

Owned and bred by H. H. Wickwire, Hubbardsville, N. Y. Calved April 15, 1898.

Official Butter Record: Dropped calf January 7, 1905, at 6 y. 8 m. 22 d., of age; commenced record February 8, 10.30 a. m., 1905; closed record February 15, 4.30 a. m.; 7 days' production 18.592 lbs. butter fat; milk 569.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 7, 1905, at 6 y. 8 m. 22 d. of age; commenced record February 1, 12.30 p. m., 1905; closed record February 15, 4.30 a. m.; 14 days' production 35.706 lbs. butter fat; milk 1,094.7 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

#### NO. 4072. JESSIE INKA PLEDGE 70177.

JESSIE INKA PLEDGE 4072 A. R. O. In 2 y. 2 m., 28.068 lbs. fat 14 d.	{	Zerma Lamb Duke De Kol 33746.	{	Lamb De Kol Pietertje 218 A. R.
				Zerma Lamb 33879.
			Twin Jessie 2d 62882.	{
		Twin Jessie 62881.		

Owned and bred by H. H. Wickwire, Hubbardsville, N. Y. Calved November 1, 1902.

Official Butter Record: Dropped calf January 1, 1905, at 2 y. 2 m. of age; commenced record February 8, 10.30 a. m., 1905; closed record February 15, 4.30 a. m.; 7 days' production 14.643 lbs. butter fat; milk 519.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 1, 1905, at 2 y. 2 m. of age; commenced record February 1, 12.30 p. m., 1905; closed record February 15, 4.30 a. m.; 14 days' production 28.068 lbs. butter fat; milk 1,010.7 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

#### NO. 4073. COLSON CLOVER DE KOL 68055.

COLSON CLOVER DE KOL 4073 A. R. O. In 1 y. 11 m. 17 d., 8.611 lbs. fat.	{	Zerma Lamb Duke De Kol 33746.	{	Lamb De Kol Pietertje 218 A. R.
				Zerma Lamb 33879.
			Colson Clover 4076 A. R. O. In 3 y. 11 m. 12 d., 11.804 lbs. fat.	{
		Sophie Veeman 2d's Baby 62567.		

Owned and bred by H. H. Wickwire, Hubbardsville, N. Y. Calved January 28, 1903.

Official Butter Record: Dropped calf January 15, 1905, at 1 y. 11 m. 17 d. of age; commenced record January 28, 12.30 p. m., 1905; closed record February 4, 4.30 a. m.; 7 days' production 8.611 lbs. butter fat; milk 262.6 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.



**NO. 4074. PHOEBE VEEMAN 3D 68054.**

<b>PHOEBE VEEMAN 3d 4074</b> A. R. O. In 1 y. 9 m. 6 d., 10.065 lbs. fat.	{	Zerma Lamb Duke De Kol 33746.	{ Lamb De Kol Pietertje 218 A. R.
			{ Zerma Lamb 33879.
	{	Phoebe Veeman 4071 A. R. O. In 6 y. 8 m. 22 d., 35.706 lbs. fat 14 d.	{ Sir Pietertje Lamb 337 A. R.
			{ Sophie Veeman 2d 13800.

Owned and bred by H. H. Wickwire, Hubbardsville, N. Y. Calved January 25, 1903.

Official Butter Record: Dropped calf November 1, 1904, at 1 y. 9 m. 6 d. of age; commenced record January 28, 12.30 p. m., 1905; closed record February 4, 4.30 a. m.; 7 days' production 10.065 lbs. butter fat; milk 285.3 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

**NO. 4075. PAULINE AMERICA BUTTER QUEEN 68183.**

<b>PAULINE AMERICA BUTTER QUEEN 4075 A. R.</b> O. In 2 y. 14 d., 8.420 lbs. fat.	{	King Paul America 28989.	{ A. & G. Butter King 153 A. R.
			{ Pauline Paul America 3d 40245.
	{	Eathel's Lady Errol 35377.	{ Dulcia's Errol 18743.
			{ Eathel 4195.

Owned and bred by Davis Brothers, Clifford, N. Y. Calved February 1, 1903.

Official Butter Record: Dropped calf February 15, 1905, at 2 y. 14 d. of age; commenced record February 28, 5 a. m., 1905; closed record March 6, 9 p. m.; 7 days' production 8.420 lbs. butter fat; milk 273 lbs.

Attested by Archie Stone, Cornell University Agricultural Experiment Station.

**NO. 4076. COLSON CLOVER 62568.**

<b>COLSON CLOVER 4076 A. R. O.</b> In 3 y. 11 m. 12 d., 11.804 lbs. fat.	{	Lamb De Kol Pietertje 218 A. R.	{ De Kol 2d's Queen's Pietertje 17067.
			{ Vleel 2d 857 A. R. P. In 2 y. 2 m. 15 lbs., 14.5 oz. butter by churn.
	{	Sophie Veeman 2d's Baby 62567.	{ Pietertje Goudgeld 16958.
			{ Sophie Veeman 2d 13800.

Owned and bred by H. H. Wickwire, Hubbardsville, N. Y. Calved October 24, 1900.

Official Butter Record: Dropped calf October 6, 1904, at 3 y. 11 m. 12 d. of age; commenced record January 28, 12.30 p. m., 1905; closed record February 4, 4.30 a. m.; 7 days' production 11.804 lbs. butter fat; milk 344.3 lbs.

Attested by Manley Clark, Cornell University Agricultural Experiment Station.

#### NO. 4077. PONTIAC ECHO DE KOL 65770.

PONTIAC ECHO DE KOL 4077 A. R. O. In 1 y 11 m. 16 d., 11.671 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
			{	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
	{	Pontiac Theia 2119 A. R. O. In 6 y. 14 d., 15.959 lbs. fat.		Sir Inka Artis Mechthilde 191 A. R.
				Theia 1470 A. R. P. In 2 y. 1 m. 25 d., 8,264 lbs. milk 1 y.

Owned by A. A. Cortelyou, Neshanic, N. J. Bred by Eastern Michigan Asylum, Pontiac, Mich. Calved March 9, 1903.

Official Butter Record: Dropped calf February 25, 1905, at 1 y. 11 m. 16 d. of age; commenced record March 14, 1905; closed record March 20; 7 days' production 11.671 lbs. butter fat; milk 318.6 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

#### NO. 4078. PRINCESS JOHANNA RUE 65203.

PRINCESS JOHANNA RUE 4078 A. R. O. In 2 y. 7 m. 10 d., 51.330 lbs. fat 30 d.	{	Johanna Rue 3d's Lad 280 A. R.	{	Sarcastic Lad 194 A. R.
			{	Johanna Rue 3d 1337 A. R. O. In 5 y. 6 m. 21 d., 19.392 lbs. fat.
	{	Cote d'Or Princess 24646.		Willibald 6th 11049.
				Cote d'Or 2d 13644.

Owned and bred by A. A. Cortelyou, Neshanic, N. J. Calved June 17, 1902.

Official Butter Record: Dropped calf January 27, 1905, at 2 y. 7 m. 10 d. of age; commenced record February 18, 1905; closed record February 24; 7 days' production 12.365 lbs. butter fat; milk 337 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 27, 1905, at 2 y. 7 m. 10 d. of age; commenced record February 17, 1905; closed record March 18; 30 days' production 51.330 lbs. butter fat; milk 1,527.2 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**NO. 4079. ONDINE RUE 64384.**

ONDINE RUE 4079 A. R. O. In 1 y. 10 m. 1 d., 8.905 lbs. fat.	{	Johanna Rue 3d's Lad 280 A. R.	{	Sarcastic Lad 194 A. R.
		Ondine Netherland Belle 52514.		Johanna Rue 3d 1337 A. R. O. In 5 y. 6 m. 21 d., 19.392 lbs. fat.
			{	Netherland Statesman's Executor 22117.
				Ondine's Model 3d 4823.

Owned and bred by A. A. Cortelyou, Neshanic, N. J. Calved March 19, 1903.

Official Butter Record: Dropped calf January 20, 1905, at 1 y. 10 m. 1 d. of age; commenced record February 22, 1905; closed record February 28; 7 days' production 8.905 lbs. butter fat; milk 255.5 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**SUSIE HOMESTEAD DE KOL 3413 A. R. O. 59580.**

SUSIE HOMESTEAD DE KOL 3413 A. R. O. In 3 y. 3 m. 9 d., 28.384 lbs. fat 14 d.	{	Homestead Vernon De Kol 220 A. R.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
		Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.		Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.
			{	De Kol 2d's Netherland 118 A. R.
				Daisy De Kol 1003 A. R. P. In 2 y. 7 m. 20 d., 17 17-32 lbs. butter by churn.

Owned by A. A. Cortelyou, Neshanic, N. J.

[Entry of additional records. For previous records see Vol XV, page 345.]

Second Official Butter Record: Dropped calf February 16, 1905, at 3 y. 3 m. 9 d. of age; commenced record February 24, 1905; closed record March 2; 7 days' production 15.093 lbs. butter fat; milk 387.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 16, 1905, at 3 y. 3 m. 9 d. of age; commenced record February 24, 1905; closed record March 9; 14 days' production 28.384 lbs. butter fat; milk 778.7 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**SUSIE VERNON DE KOL 2606 A. R. O. 53671.**

SUSIE VERNON DE KOL 2606 A. R. O. In 4 y. 4 m. 27 d., 38.951 lbs. fat 14 d.	{	Homestead Vernon De Kol 220 A. R.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
		Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.		Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.
			{	De Kol 2d's Netherland 118 A. R.
				Daisy De Kol 1003 A. R. P. In 2 y. 7 m. 20 d., 17 17-32 lbs. butter by churn.

Owned by A. A. Cortelyou, Neshanic, N. J.

[Entry of additional records. For previous records see Vol. XIV, page 120, Vol. XV, page 212.]

Third Official Butter Record: Dropped calf February 24, 1905, at 4 y. 4 m. 27 d. of age; commenced record March 5, 1905; closed record March 11; 7 days' production 17.530 lbs. butter fat; milk 448.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 24, 1905, at 4 y. 4 m. 27 d. of age; commenced record March 4, 1905; closed record March 17; 14 days' production 33.951 lbs. butter fat; milk 913.9 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

#### BELLE MODEL JOHANNA 3311 A. R. O. 59986.

BELLE MODEL JOHANNA 3311 A. R. O. In 2 y. 11 m. 28 d., 26.813 lbs. fat 14 d.	{	Johanna Rue 3d's Lad 280 A. R.	{	Sarcastic Lad 194 A. R.
				Johanna Rue 3d 1337 A. R. O. In 5 y. 6 m. 21 d., 19.392 lbs. fat.
	{	Belle Model 1886 A. R. O. In 7 y. 9 m. 9 d., 14.578 lbs. fat.	{	Online Model 3d's Emporium 19585.
				Belle Netherland Clothilde 1888 A. R. O. In 8 y. 7 m. 9 d., 18.981 lbs. fat.

Owned by A. A. Cortelyou, Neshanic, N. J.

[Entry of additional records. For previous records see Vol. XV, page 287.]

Second Official Butter Record: Dropped calf January 27, 1905, at 2 y. 11 m. 28 d. of age; commenced record February 19, 1905; closed record February 25; 7 days' production 14.042 lbs. butter fat; milk 411.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 27, 1905, at 2 y. 11 m. 28 d. of age; commenced record February 16, 1905; closed record March 1; 14 days' production 26.813 lbs. butter fat; milk 797.4 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

#### NO. 4080. BELLE EMPRESS 4TH 55016.

BELLE EMPRESS 4th 4080 A. R. O. In 4 y. 8 m. 12 d., 19.439 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
				Pearl of the Dairy 13271.
	{	Belle Empress 44429.	{	Bientje 3d's Clothilde 18749.
				Wisconsin Belle 12016.

Owned by A. A. Cortelyou, Neshanic, N. J. Bred by E. E. Randall, Hustisford, Wis. Calved June 24, 1900.

Official Butter Record: Dropped calf March 6, 1905, at 4 y. 8 m. 12 d., of age; commenced record March 14, 1905; closed record March 20; 7 days' production 19.439 lbs. butter fat; milk 434.7 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

# **NO. 4081. MAGNET MERCEDES HOLLAND KING JULIA 38283.**

<b>MAGNET MERCEDES HOLLAND KING JULIA</b> 4081 A. R. O. In 10 y. 8 m. 25 d., 12.345 lbs. fat.	{ Alcena Mercedes' Holland King 19968. { Jeltje S.' Netherland Pictertje 156 A. R. Alcena Mercedes 19753. { Antje Vriend's Mercedes Prince 88 A. R. Magnet 8568 H. H. B.	{ Magnet 2d's Mercedes 38844.

Owned by Albert Babler, Albany, Wis. Bred by F. P. Cross, Durand, Ill. Calved June 3, 1894.

Official Butter Record: Dropped calf February 28, 1905, at 10 y. 8 m. 25 d. of age; commenced record March 7, 1905; closed record March 13; 7 days' production 12.345 lbs. butter fat; milk 344 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

# **NO. 4082. MAGNET HOLLAND NETHERLAND 58641.**

<b>MAGNET HOLLAND NETHERLAND 4082 A.</b> R. O. In 3 y. 11 m. 20 d., 12.382 lbs. fat.	{ Mercedes Lass Netherland 25789. { Aaggie Netherland Duke 21418. Carmen's Mercedes Lass 44703. { Magnet Mercedes Holland King Julia 4081 A. R. O. In 10 y. 8 m. 25 d., 12.345 lbs. fat. { Alcena Mercedes' Holland King 19968. Magnet 2d's Mercedes 38844.	{ Magnet Mercedes Holland King Julia 4081 A. R. O. In 10 y. 8 m. 25 d., 12.345 lbs. fat.

Owned by Albert Babler, Albany, Wis. Bred by Albert Babler, Jr., Monticello, Wis. Calved March 14, 1901.

Official Butter Record: Dropped calf March 4, 1905, at 3 y. 11 m. 20 d. of age; commenced record March 10, 1905; closed record March 16; 7 days' production 12.382 lbs. butter fat; milk 356.2 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.



**NO. 4083. HILDA QUEEN 60476.**

HILDA QUEEN 4083 A. R.  
O. In 2 y. 8 m. 20 d.,  
9.044 lbs. fat.

{ De Kol Paul King 26598.

{ De Kol 2d's Paul De Kol  
King 23237.  
Princess De Kol Paul 42513.

{ Lord De Kol's Hilda 40358.

{ Lord De Kol 19581.  
Shadeland Hilda 2d 21723.

Owned by Lamb Brothers, East Hamilton, N. Y. Bred by C. G. Brainard, Waterville, N. Y. Calved April 15, 1902.

Official Butter Record: Dropped calf January 5, 1905, at 2 y. 8 m. 20 d. of age; commenced record February 21, 1905; closed record February 28; 7 days' production 9.044 lbs. butter fat; milk 279.2 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4084. LOIS MAID 46818.**

LOIS MAID 4084 A. R. O.  
In 7 y. 2 m. 22 d., 12.348  
lbs. fat.

{ Hilton Maid 2d's Statesman  
215 A. R.

{ Aaggie Beauty 2d's  
Statesman 131 A. R.  
Hilton Maid 2d 4936 H.

{ Viola Mercedes Clothilde  
1586 A. R. O. In 4 y. 13  
d., 11.652 lbs. fat.

{ Aurora Clothilde 19164.  
Fisher Mercedes 1633 A. R.  
O. In 7 y. 10 m. 2 d.,  
14.301 lbs. fat.

Owned by W. B. Smith & Son, Columbus, O. Bred by Henry D. Yates, Delaware, O. Calved November 7, 1897.

Official Butter Record: Dropped calf January 29, 1905, at 7 y. 2 m. 22 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 12.348 lbs. butter fat; milk 412.9 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 4085. NEVER AGAIN 2D 61238.**

✓ NEVER AGAIN 2d 4085 A.  
R. O. In 3 y. 2 m. 13 d.,  
10.789 lbs. fat.

{ Clyde Paul De Kol 810 A. R.

{ Paul De Kol 97 A. R.

{ Kitty Clyde 2d's Coral 1440  
A. R. O. In 6 y. 4 m. 19  
d., 19.504 lbs. fat.

{ Never Again 1548 A. R. O.  
In 6 y. 2 m. 9 d., 16.312  
lbs. fat.

{ Aaggie Beauty 2d's  
Statesman 131 A. R.  
Princess Penserosa 1439 A.  
R. O. In 10 y. 3 m. 9 d.,  
15.857 lbs. fat.

Owned and bred by W. B. Smith & Son, Columbus, O. Calved December 13, 1901.

Official Butter Record: Dropped calf February 26, 1905, at 3 y. 2 m. 13 d., of age; commenced record March 15, 1905; closed record March 21; 7 days' production 10.789 lbs. butter fat; milk 337.6 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 4086. LITTLE SPRAY 56400.**

LITTLE SPRAY 4086 A. R. O. In 4 y. 5 m. 20 d., 12.839 lbs. fat.	{	Sir Henry Yuno 24977.	{	Eunice Clay's Sir Henry 222 A. R.
				Yu-No 1670 A. R. O. In 6 y. 6 m. 13 d., 15.554 lbs. fat.
	{	Kate Spray 2d 1787 A. R. O. In 1 y. 10 m., 7.768 lbs. fat.	{	Clothilde Netherland Pasha 211 A. R.
				Kate Spray 1585 A. R. O. In 7 y. 7 m. 4 d., 12.137 lbs. fat.

Owned and bred by W. B. Smith & Son, Columbus, O. Calved July 28, 1900.

Official Butter Record: Dropped calf January 18, 1905, at 4 y. 5 m. 20 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 12.839 lbs. butter fat; milk 407.1 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**DAISY FISHER 2578 A. R. O. 49379.**

DAISY FISHER 2578 A. R. O. In 6 y. 2 m. 13 d., 14.173 lbs. fat.	{	Hilton Maid 2d's Statesman 215 A. R.	{	Aaggie Beauty 2d's Statesman 131 A. R.
				Hilton Maid 2d 4936 H.
	{	Fisher Mercedes 1633 A. R. O. In 7 y. 10 m. 2 d., 14.301 lbs. fat.	{	Tritomia's Mercedes Prince 3d 15400.
				Fanny Fisher 21528.

Owned by W. B. Smith & Son, Columbus, O.

[Entry of additional records. For previous records see Vol. XIV, page 105.]

Second Official Butter Record: Dropped calf March 5, 1905, at 6 y. 2 m. 13 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 14.173 lbs. butter fat; milk 409 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**ORRICE 5TH'S DE KOL PAULINE 2800 A. R. O. 58074.**

ORRICE 5th's DE KOL PAULINE 2800 A. R. O. In 3 y. 11 m. 21 d., 10.909 lbs. fat.	{	Paul De Kol 97 A. R.	{	De Kol 2d's Prince 43 A. R.
				Pauline Paul 852 A. R. P. In 8 y., 1,153 lbs. 15.8 oz. butter by churn 365 d.
	{	Orrice 5th 1441 A. R. O. In 6 y. 10 m 14 d., 17.044 lbs. fat.	{	Clothilde Lincoln 9447.
				Orrice 12060.

Owned by W. B. Smith & Son, Columbus, O.

[Entry of additional records. For previous records see Vol. XIV, page 228.]

Second Official Butter Record: Dropped calf December 12, 1904, at 3 y. 11 m. 21 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 10.909 lbs. butter fat; milk 320.9 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

### VALENCIA DE KOL 3275 A. R. O. 63509.

VALENCIA DE KOL 3275 A. R. O. In 2 y. 10 m. 5 d., 11.050 lbs. fat.	{	Paul De Kol 97 A. R.	{	De Kol 2d's Prince 43 A. R.
		Lady Valencia 3d 1641 A. R. O. In 5 y. 2 m. 21 d., 13.603 lbs. fat.		Pauline Paul 852 A. R. P. In 8 y., 1,153 lbs. 15.8 oz. butter by churn 365 d.
			{	Parthenea's Colanthus 186 A. R.
			{	Lady Valencia 6382.

Owned by W. B. Smith & Son, Columbus, O.

[Entry of additional records. For previous records see Vol. XV, page 266.]

Second Official Butter Record: Dropped calf February 6, 1905, at 2 y. 10 m. 5 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 11.050 lbs. butter fat; milk 352.2 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

### NO. 4087. LITTLE FAY 65559.

LITTLE FAY 4087 A. R. O. In 3 y. 10 m. 12 d., 12.955 lbs. fat.	{	Clothilde Netherland Pasha 211 A. R.	{	Pasha Clothilde 20513.
		Fay S. 65558.		Clothilde Netherland 17957.
			{	Aaggie Beauty 2d's Statesman 131 A. R.
			{	Kate Spray 1585 A. R. O. In 7 y. 7 m. 4 d., 12.137 lbs. fat.

Owned by W. B. Smith & Son, Columbus, O. Bred by Albert Seeley, Camp Chase, O. Calved March 18, 1901.

Official Butter Record: Dropped calf January 30, 1905, at 3 y. 10 m. 12 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 12.955 lbs. butter fat; milk 389.9 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**NO. 4088. ZAHARA 2D 52141.**

ZAHARA 2d 4088 A. R. O.  
In 11 y. 10 m. 21 d., 15.016  
lbs. fat.

Pietertje Hartog 137 A. R.

Milla's Pietertje Netherland  
83 A. R.

Inka Hartog 869 A. R. O.  
In 8 y.-16 d., 14.573 lbs.  
fat.

Zahara 19680.

Marve Hill 4599.

2d Gretchen 333 D. F.

Owned by Oneida Community, Kenwood, N. Y. Bred by James A. Spooner,  
Madison, N. Y. Calved March 20, 1893.

Official Butter Record: Dropped calf February 11, 1905, at 11 y. 10 m. 21 d.  
of age; commenced record March 3, 1905; closed record March 10; 7 days'  
production 15.016 lbs. butter fat; milk 491.3 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment  
Station.

**MINNIE HIJLAARD DE KOL 1726 A. R. O. 47441.**

MINNIE HIJLAARD DE  
KOL 1726 A. R. O. In 6  
y. 11 m. 5 d., 13.553 lbs.  
fat.

America 2d's Wayne Paul De  
Kol 149 A. R.

Paul De Kol 97 A. R.

America 2d 960 A. R. P. In  
3 y. 4 m. 15 d., 13 lbs. 12  
oz. butter by churn.

Minnie Hijlaard 1387 A. R.  
O. In 2 y. 10 m. 19 d.,  
9.133 lbs. fat.

Duke of Clear View 21025.

Vrouwkje of Hijlaard 7th  
1290 A. R. O. In 7 y. 26  
d., 14.791 lbs. fat.

Owned by Oneida Community, Kenwood, N. Y.

[Entry of additional records. For previous records see Vol. XI, page 101, Vol.  
XIII, page 184.]

Third Official Butter Record: Dropped calf February 10, 1905, at 6 y. 11 m.  
5 d. of age; commenced record March 1, 1905; closed record March 8; 7 days'  
production 13.553 lbs. butter fat; milk 408.9 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment  
Station.

**NO. 4089. PORTIA CLOTHILDE 58730.**

PORTIA CLOTHILDE 4089  
A. R. O. In 9 y. 10 m.  
15 d., 14.195 lbs. fat.

Pledge's Joe of Copia 2d  
15591.

Pledge's Joe 7418.

Copia 2d 1045.

Lynden Rose 32904.

Pledge's Joe of Copia 2d  
15591.

Beautiful 13876.

Owned by Oneida Community, Kenwood, N. Y. Bred by Silas Timerman & Son, Clockville, N. Y. Calved March 16, 1895.

Official Butter Record: Dropped calf January 31, 1905, at 9 y. 10 m. 15 d. of age; commenced record March 2, 1905; closed record March 9; 7 days' production 14.195 lbs. butter fat; milk 441.8 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

#### NO. 4090. NETHERLAND MAGIC DE KOL 2D 58443.

NETHERLAND MAGIC DE KOL 2d 4090 A. R. O. In 3 y. 11 m. 11 d., 11.615 lbs. fat.	{ Ophelia 7th's Monk 284 A. R. { Monk Lyons 21327. Ophelia 7th 36875.	
		{ Netherland Magic De Kol 47979. { Pauline Paul's Grandson's Clothilde 279 A. R. Netherland Magic 31002.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved March 1, 1901.

Official Butter Record: Dropped calf February 12, 1905, at 3 y. 11 m. 11 d. of age; commenced record March 1, 1905; closed record March 8; 7 days' production 11.615 lbs. butter fat; milk 400.2 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

#### BUCKEYE MAID 5TH 3503 A. R. O. 58434.

BUCKEYE MAID 5th 3503 A. R. O. In 3 y. 11 m. 4 d., 16.498 lbs. fat.	{ Ophelia 7th's Monk 284 A. R. { Monk Lyons 21327. Ophelia 7th 36875.	
		{ Buckeye Maid 30995. { Netherland Chief 2d 14406. Buckeye Girl 3d 12841.

Owned by Wing R. Smith, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 400.]

Second Official Butter Record: Dropped calf February 11, 1905, at 3 y. 11 m. 4 d. of age; commenced record March 4, 1905; closed record March 11; 7 days' production 16.498 lbs. butter fat; milk 542.3 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.



**NO. 4091. GERSTER DE KOL HENGVELD 63447.**

GERSTER DE KOL HENG- VELD 4091 A. R. O. In 2 y. 8 m. 6 d., 10.407 lbs. fat.	{	Pietertje Hengerveld's Count De Kol 135 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Gerster Ida Monk 2d 3710 A. R. O. In 4 y. 3 m. 11 d., 11.702 lbs. fat.		Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
				Sanesta 4th's Paul 25341.
				Gerster Ida Monk 47967.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers,  
Wellington, O. Calved June 4, 1902.

Official Butter Record: Dropped calf February 10, 1905, at 2 y. 8 m. 6 d. of  
age; commenced record February 22, 1905; closed record March 1; 7 days' pro-  
duction 10.407 lbs. butter fat; milk 302.5 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NO. 4092. BESSIE-COVERT ROSE 66544.**

BESSIE COVERT ROSE 4092 A. R. O. In 2 y. 5 m., 10.015 lbs. fat.	{	Sir Pride of Whittaker 29413.	{	Sir Jewel Jantje Mechthilde 212 A. R.
		Bessie Covert 3d's Pansy 2d 3655 A. R. O. In 4 y. 3 m. 27 d., 12.070 lbs. fat.		Pride of Whittaker 2102 A. R. O. In 3 y. 8 m. 26 d., 11.674 lbs. fat.
				Sir Jewel Jantje Mechthilde 212 A. R.
				Bessie Covert 3d's Pansy 48731.

Owned by George Rice, Tillsonburg, Ont. Bred by Harvey S. Day, Willis, Mich.  
Calved October 9, 1902.

Official Butter Record: Dropped calf March 9, 1905, at 2 y. 5 m. of age;  
commenced record March 16, 1905; closed record March 22; 7 days' production  
10.015 lbs. butter fat; milk 303.8 lbs.

Attested by Edgar I. Johnson, Ontario Agricultural Experiment Station.

**NO. 4093. CANARY CALAMITY COUNTESS 67566.**

CANARY CALAMITY COUNTESS 4093 A. R. O. In 2 y. 2 m. 10 d., 11.676 lbs. fat.	{	Calamity Jane 2d's Count 28278.	{	Count Calamity Clay 25557.
		Canary's Starlight 2151 A. R. O. In 4 y. 7 m. 15 d., 17.126 lbs. fat.		Calamity Jane 2d 1824 A. R. O. In 6 y. 1 m. 23 d., 16.323 lbs. fat.
				Canary's Mercedes' Royal Climax 200 A. R.
				Canary 4284 H.

Owned by George Rice, Tillsonburg, Ont. Bred by Frank R. Crandal, Howell, Mich. Calved December 27, 1902.

Official Butter Record: Dropped calf March 7, 1905, at 2 y. 2 m. 10 d. of age; commenced record March 16, 1905; closed record March 22; 7 days' production 11.676 lbs. butter fat; milk 296.6 lbs.

Attested by Edgar I. Johnson, Ontario Agricultural Experiment Station.

**NO. 4094. CALAMITY JANE 2D'S COUNTESS 63885.**

<b>CALAMITY JANE 2d's COUNTESS 4094 A. R. O.</b> In 2 y. 11 m. 10 d., 8.522 lbs. fat.	{	Count Calamity Clay 26157.	{	Eunice Clay's Sir Henry 222 A. R.
		Calamity Jane 2d 1824 A. R. O. In 6 y. 1 m. 23 d., 16.323 lbs. fat.		Yu-No 1670 A. R. O. In 6 y. 6 m. 13 d., 15.554 lbs. fat.
			{	Sir Paul De Kol Clothilde 174 A. R.
			{	Calamity Jane 1811 A. R. O. In 7 y. 10 m. 11 d., 20.041 lbs. fat.

Owned and bred by George Rice, Tillsonburg, Ont. Calved March 25, 1902.

Official Butter Record: Dropped calf March 5, 1905, at 2 y. 11 m. 10 d. of age; commenced record March 16, 1905; closed record March 22; 7 days' production 8.522 lbs. butter fat; milk 219.9 lbs.

Attested by Edgar I. Johnson, Ontario Agricultural Experiment Station.

**NO. 4095. COUNTESS CALAMITY QUEEN 67567.**

<b>COUNTESS CALAMITY QUEEN 4095 A. R. O.</b> In 2 y. 2 m. 2 d., 9.283 lbs. fat.	{	Calamity Jane 2d's Count 28278.	{	Count Calamity Clay 26157.
		Oceola Queen 2630 A. R. O. In 3 y. 8 d., 8.900 lbs. fat.		Calamity Jane 1824 A. R. O. In 6 y. 1 m. 23 d., 16.323 lbs. fat.
			{	Oceola Boy 23594.
			{	Woodland Iosco Queen 40791.

Owned by George Rice, Tillsonburg, Ont. Bred by H. W. Norton, Howell, Mich. Calved December 25, 1902.

Official Butter Record: Dropped calf February 27, 1905, at 2 y. 2 m. 2 d. of age; commenced record March 16, 1905; closed record March 22; 7 days' production 9.283 lbs. butter fat; milk 254.5 lbs.

Attested by Edgar I. Johnson, Ontario Agricultural Experiment Station.

**NO. 4096. TROMP C. 56212.**

TROMP C. 4096 A. R. O. In 4 y. 1 m. 23 d., 12.040 lbs. fat.	{	Count Clothilde Vanity 26744.	{	Dijkstra Count Clothilde 23185.
			{	Belva Vanity 36956.
		Isadora Tromp Countess 42385.	{	Count Clothilde Beauty 19706.
			{	Isadora Tromp 26522.

Owned by G. M. Carpenter, Wilkesbarre, Pa. Bred by Lackawanna Breeders' Association, Waverly, Pa. Calved January 3, 1901.

Official Butter Record: Dropped calf February 26, 1905, at 4 y. 1 m. 23 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 12.040 lbs. butter fat; milk 350.3 lbs.

Attested by Arthur W. Clark, Pennsylvania Agricultural Experiment Station.

**NO. 4097. KLAASJE CLOTHILDE 43204.**

KLAASJE CLOTHILDE 4097 A. R. O. In 9 y. 1 m. 11 d., 14.321 lbs. fat.	{	Count Clothilde Beauty 19706.	{	Clothilde 5th's Netherland 13105.
			{	Witkop 2d's Beauty 524 A. R. P. In 1 y. 11 m. 19 d., 11 lbs. 14 oz. butter by churn.
		Lady Klaasje 31172.	{	Dudley 583 D. F.
			{	Klaasje 359 D. F.

Owned by G. M. Carpenter, Wilkesbarre, Pa. Bred by Lackawanna Breeders' Association, Waverly, Pa. Calved January 23, 1896.

Official Butter Record: Dropped calf March 4, 1905, at 9 y. 1 m. 11 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 14.321 lbs. butter fat; milk 388.3 lbs.

Attested by Arthur W. Clark, Pennsylvania Agricultural Experiment Station.

**NO. 4098. PAULINE DORIS DE KOL 72704.**

PAULINE DORIS DE KOL 4098 A. R. O. In 2 y. 7 m. 20 d., 10.840 lbs. fat.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
			{	Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
		Pietertje Queen Pauline De Kol 72295.	{	Sir Wayne Paul De Kol Pietertje 28327.
			{	Pietertje Queen Signet 61695.

Owned by A. A. Cortelyou, Neshanic, N. J. Bred by E. C. Brill, Poughquag, N. Y. Calved June 28, 1902.

Official Butter Record: Dropped calf February 18, 1905, at 2 y. 7 m. 20 d. of age; commenced record March 14, 1905; closed record March 20; 7 days' production 10.840 lbs. butter fat; milk 310 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

#### NO. 4099. MINNIE JEWEL DE KOL 72633.

MINNIE JEWEL DE KOL 4099 A. R. O. In 2 y. 7 m. 18 d., 10.798 lbs. fat.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
				Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
	{	Minnie Pietertje Jewel 2d 72292.	{	Sir Wayne Paul De Kol Pietertje 28327.
				Minnie Pietertje Jewel 4190 A. R. O. In 7 y. 7 m. 8 d., 33.430 lbs. fat 14 d.

Owned by A. A. Cortelyou, Neshanic, N. J. Bred by E. C. Brill, Poughquag, N. Y. Calved July 16, 1902.

Official Butter Record: Dropped calf March 4, 1905, at 2 y. 7 m. 18 d. of age; commenced record March 14, 1905; closed record March 20; 7 days' production 10.798 lbs. butter fat; milk 283.3 lbs.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

#### NO. 4100. MAPLE GROVE BELLE PAULINE 75592.

MAPLE GROVE BELLE PAULINE 4100 A. R. O. In 2 y. 8 m. 24 d., 14.001 lbs. fat.	{	Prince Pauline De Kol 26385.	{	Sir Pauline De Kol 22163.
				Cialba 41180.
	{	Zorra Belle 21462.	{	Aafke L's Barrington 5851.
				Bonnie Queen 4th 14900.

Owned and bred by H. Bollert, Cassel, Ont. Calved May 15, 1902.

Official Butter Record: Dropped calf February 9, 1905, at 2 y. 8 m. 24 d. of age; commenced record March 7, 1905; closed record March 13; 7 days' production 14.001 lbs. butter fat; milk 401.9 lbs.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

**NO. 4101. STAR GIRL BOON 74063.**

STAR GIRL BOON 4101 A. R. O. In 4 y. 2 m. 25 d., 12.718 lbs. fat.	{	Sir Erix Boon 22610.	{	Shadeland Bruin 19601.
				Erix 4th's Shadeland Boon 27042.
	{	Star Girl of Pleasant Hill 64083.	{	Charity Girl's Prince 22513.
				Princess of Mappa 32673.

Owned and bred by W. D. Robens, Cold Brook, N. Y. Calved October 15, 1900.

Official Butter Record: Dropped calf January 10, 1905, at 4 y. 2 m. 25 d. of age; commenced record February 17, 11.30 a. m., 1905; closed record February 24, 5.30 a. m.; 7 days' production 12.718 lbs. butter fat; milk 467.1 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**NO. 4102. LADY WAYNE BOON 67185.**

LADY WAYNE BOON 4102 A. R. O. In 5 y. 3 m. 1 d., 18.346 lbs. fat.	{	Sir Erix Boon 22610.	{	Shadeland Bruin 19601.
				Erix 4th's Shadeland Boon 27042.
	{	Princess Wayne of Pleasant Hill 64082.	{	Charity Girl's Prince 22513.
				Star Princess 40247.

Owned and bred by W. D. Robens, Cold Brook, N. Y. Calved November 1, 1899.

Official Butter Record: Dropped calf February 2, 1905, at 5 y. 3 m. 1 d. of age; commenced record February 17, 5.30 a. m., 1905; closed record February 23, 11.30 p. m.; 7 days' production 18.346 lbs. butter fat; milk 537.5 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**NO. 4103. ARMYN AN AMERICA 70037.**

ARMYN AN AMERICA 4103 A. R. O. In 1 y. 9 m. 11 d., 8.828 lbs. fat.	{	King Paul America 28989.	{	A. & G. Butter King 153 A. R.
				Pauline Paul America 3d 40245.
	{	Armyn's An 3d's De Kol 2386 A. R. O. In 4 y. 7 m. 17 d., 12.508 lbs. fat.	{	De Kol 2d's Paul De Kol King 23237.
				Armyn's An 3d 40595.

Owned and bred by Davis Brothers, Clifford, N. Y. Calved April 26, 1903.

Official Butter Record: Dropped calf February 7, 1905, at 1 y. 9 m. 11 d. of age; commenced record February 28, 11 a. m., 1905; closed record March 7, 5 a. m.; 7 days' production 8.828 lbs. butter fat; milk 274.1 lbs.

Attested by Archie Stone, Cornell University Agricultural Experiment Station.



**NO. 4104. JANNEK PIETERTJE DE KOL 49136.**

JANNEK PIETERTJE DE KOL 4104 A. R. O. In 5 y. 7 m. 8 d., 15.952 lbs. fat.	{	Pietertje Alban De Kol 173 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
		Jannek Beauty's Inka Pietertje 1374 A. R. O. In 7 y. 1 d., 12.563 lbs. fat.	{ Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.
			{ Inka Princess Pietertje ·Netherland 95 A. R.
			{ Jannek Beauty 440 A. R. P. In 2 y. 2 m. 18 d., 505¼ lbs. milk 10 d.

Owned by Alvin D. Burdick, Edmeston, N. Y. Bred by Don J. Wood, West Winfield, N. Y. Calved May 28, 1899.

Official Butter Record: Dropped calf January 6, 1905, at 5 y. 7 m. 8 d. of age; commenced record February 23, 1 p. m., 1905; closed record March 2, 5 a. m.; 7 days' production 15.952 lbs. butter fat; milk 525.6 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**NO. 4105. LADY WAYNE JOHANNA 64113.**

LADY WAYNE JOHANNA 4105 A. R. O. In 2 y. 7 m. 11 d., 12.123 lbs. fat.	{	Johanna Aaggie 2d's Lad 307 A. R.	{ Sarcastic Lad 194 A. R.
		Lady Pietertje Wayne De Kol 2501 A. R. O. In 2 y. 2 m. 18 d., 11.857 lbs. fat.	{ Johanna Aaggie 2d 1689 A. R. O. In 1 y. 11 m. 15 d., 10297 lbs. fat.
			{ Pietertje Hengerveld's Count De Kol 135 A. R.
			{ Baroness Wayne De Kol 1720 A. R. O. In 4 y. 11 m. 12 d., 13.783 lbs. fat.

Owned by John B. Marcou, Princeton, Mass. Bred by A. F. Cole, Morrisville Station, N. Y. Calved June 22, 1902.

Description: Age, 2 y. 8 m. 17 d.; wedge shaped form; head, fine, quite long; neck, fairly long, well joined to body; chine, straight, fairly level; loin and hips, quite prominent; rump, nearly level; escutcheon quite wide, extends well up; mammary veins, prominent; udder, good, quarters well balanced; teats, fine, good length; handling, good; secretions of skin, not very oily; general appearance, good; height, shoulders 55 inches, hips 57; length, body 63, rump 22; width, hips 21, thurl 12; girth 72; examiner, Frank L. Austin; examined March 9, 1905.

Official Butter Record: Dropped calf February 3, 1905, at 2 y. 7 m. 11 d. of age; commenced record February 17, 11 p. m., 1905; closed record February 24, 5 p. m.; 7 days' production 12,123 lbs. butter fat; milk 386.1 lbs.

Attested by Frank L. Austin, Hatch (Mass.) Agricultural Experiment Station.

**DE KOL HENGERVELD BELLE 1975 A. R. O. 50776.**

✓ DE KOL HENGERVELD BELLE 1975 A. R. O. In 6 y. 7 d., 38.459 lbs. fat 14 d.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{	Manor De Kol 130 A. R.
		Woodland Princess Belle Colanthus 43817.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	Colanthus De Vries 19669.
			{	Woodland Princess Belle 33702.

Owned by John B. Marcou, Princeton, Mass.

[Entry of additional records. For previous records see Vol. XIII, page 26, Vol. XIV, page 227.]

Description: Age, 6 y. 1 m. 10 d.; wedge shaped form; head, long, dishing; neck, short, wide at joining of body; chine, strong, quite straight; loin and hips, broad, nearly level, hook bones fairly prominent; rump, high, nearly level; escutcheon, very broad; mammary veins, large, crooked, well developed; udder, large; teats, good shape; handling, good; general appearance, excellent; height, shoulders 53 inches, hips 52; length, body 65, rump 21; width, hips 23, thurl 13.5; girth 81; examiner, Frank L. Austin; examined March 14, 1905.

Third Official Butter Record: Dropped calf February 21, 1905, at 6 y. 7 d. of age; commenced record March 2, 1905; closed record March 8; 7 days' production 20.404 lbs. butter fat; milk 533.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 21, 1905, at 6 y. 7 d. of age; commenced record February 28, 1905; closed record March 13; 14 days' production 38.459 lbs. butter fat; milk 1,061.5 lbs.

Attested by Frank L. Austin, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4106. BERYL BELLE HENGERVELD DE KOL 65679.**

IX BERYL BELLE HENGER- VELD DE KOL 4106 A. R. O. In 2 y. 8 m. 24 d., 21.715 lbs. fat 14 d.	{	Beryl Wayne's Paul De Kol 306 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
		Belle Hengerveld De Kol 2502 A. R. O. In 2 y. 4 m. 9 d., 9.780 lbs. fat.		Beryl Wayne 1177 A. R. O. In 8 y. 10 m. 12 d., 22.298 lbs. fat.
			{	Manor De Kol 130 A. R.
			{	Woodland Belle 4751.

Owned by John B. Marcou, Princeton, Mass. Bred by Henry S. Stevens & Sons, Lacona, N. Y. Calved May 17, 1902.

Description: Age, 2 y. 9 m. 22 d.; beef type; head, good shape, dishing; neck, a little heavy; chine, nearly level, slightly arched; loin and hips, a little narrow, rounding; rump, high; escutcheon, wide, extending well up; mammary veins, not very prominent; udder, not square, front quarters a little small; teats, large, long; handling, good; secretions of skin, not very oily; general appearance,

little beefy; height, shoulders 54 inches, hips 54; length, body 63, rump 21; width, hips 21, thurl 11; girth 70; examiner, Frank L. Austin; examined March 9, 1905.

Official Butter Record: Dropped calf February 11, 1905, at 2 y. 8 m. 24 d. of age; commenced record February 26, 1905; closed record March 5; 7 days' production 11.144 lbs. butter fat; milk 357.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 11, 1905, at 2 y. 8 m. 24 d. of age; commenced record February 19, 1905; closed record March 5; 14 days' production 21.715 lbs. butter fat; milk 655.3 lbs.

Attested by Frank L. Austin, Hatch (Mass.) Agricultural Experiment Station.

#### NO. 4107. DAISY INKA DE KOL VALE 68446.

DAISY INKA DE KOL VALE 4107 A. R. O. In 1 y. 11 m. 13 d., 7.493 lbs. fat.	{	Homestead Hengerveld De Kol Paul 339 A. R.	{	Paul De Kol Jr. 346 A. R. Inka De Kol Hengerveld 46762.
		Barrington Daisy 3739 A. R. O. In 6 y. 6 m. 23 d., 16.110 lbs. fat.		Dulcets' Dora's Barrington 22288. Dael 20001.

Owned and bred by M. S. Nye, Preble, N. Y. Calved March 1, 1903.

Official Butter Record: Dropped calf February 14, 1905, at 1 y. 11 m. 13 d. of age; commenced record March 7, 1905; closed record March 13; 7 days' production 7.493 lbs. butter fat; milk 224.2 lbs.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

#### NO. 4108. ONDA DOROTHY CONCORDIA PAUL 67853.

ONDA DOROTHY CON- CORDIA PAUL 4108 A. R. O. In 1 y. 8 m. 25 d., 7.323 lbs. fat.	{	Homestead Hengerveld De Kol Paul 339 A. R.	{	Paul De Kol Jr. 346 A. R. Inka De Kol Hengerveld 46762.
		Onda Dorothy 3320 A. R. O. In 3 y. 11 m. 27 d., 11.001 lbs. fat.		Lutske Sir Henry 22922. Barrington Onda 3068 A. R. O. In 10 y. 6 m. 12 d., 16.342 lbs. fat.

Owned and bred by M. S. Nye, Preble, N. Y. Calved January 25, 1903.

Official Butter Record: Dropped calf October 20, 1904, at 1 y. 8 m. 25 d. of age; commenced record March 6, 1905; closed record March 12; 7 days' production 7.323 lbs. butter fat; milk 258.8 lbs.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

**DOT MONARCH DE KOL 3071 A. R. O. 61550.**

DOT MONARCH DE KOL 3071 A. R. O. In 2 y. 11 m. 20 d., 9.650 lbs. fat.	{	Homestead Monarch De Kol 25864.	{ Pietertje Hengerveld's Paul De Kol 109 A. R.
			{ Shadeland Angie 1348 A. R. O. In 9 y. 2 m. 24 d., 13.974 lbs. fat.
	{	Dora Dot 3740 A. R. O. In 6 y. 7 m. 4 d., 14.276 lbs. fat.	{ Lutscke Sir Henry 22922.
			{ Dulcets Dora 3819 A. R. O. In 11 y. 2 m. 13 d., 13.269 lbs. fat.

Owned by M. S. Nye, Preble, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 146.]

Second Official Butter Record: Dropped calf October 10, 1904, at 2 y. 11 m. 20 d. of age; commenced record March 6, 1905; closed record March 12; 7 days' production 9.650 lbs. butter fat; milk 317 lbs.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

**DE KOL PAUL CONCORDIA 3321 A. R. O. 64765.**

DE KOL PAUL CONCOR- DIA 3321 A. R. O. In 2 y. 8 m. 19 d., 28.396 lbs. fat 14 d.	{	Homestead Hengerveld De Kol Paul 339 A. R.	{ Paul De Kol Jr. 346 A. R.
			{ Inka De Kol Hengerveld 46762.
	{	Bessie Midget 52197.	{ Lutscke Sir Henry 22922.
			{ Drosky Bess 3069 A. R. O. In 6 y. 11 m. 29 d., 14.412 lbs. fat.

Owned by M. S. Nye, Preble, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 292.]

Second Official Butter Record: Dropped calf February 20, 1905, at 2 y. 8 m. 19 d. of age; commenced record March 12, 1905; closed record March 18; 7 days' production 14.846 lbs. butter fat; milk 501.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 20, 1905, at 2 y. 8 m. 19 d. of age; commenced record March 6, 1905; closed record March 19; 14 days' production 28.396 lbs. butter fat; milk 960.9 lbs.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

**NO. 4109. DROGIO MOLLIE 41274.**

DROGIO MOLLIE 4109 A. R. O. In 9 y. 2 m. 14 d., 24.541 lbs. fat 14 d.	{	Artis Clothilde Peer 340 A. R.	{ Netherland Peeress' Clothilde 10666.
			{ Sally Artis 6936.
	{	Drogio 1926.	{ Prince of Wayne 5th 1910 H. H. B.
			{ Dulcet 8690 H. H. B.

Owned by M. S. Nye, Preble, N. Y. Bred by A. Adams, Moravia, N. Y. Calved December 12, 1895.

Official Butter Record: Dropped calf February 26, 1905, at 9 y. 2 m. 14 d. of age; commenced record March 11, 1905; closed record March 17; 7 days' production 13.079 lbs. butter fat; milk 384.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 26, 1905, at 9 y. 2 m. 14 d. of age; commenced record March 6, 1905; closed record March 19; 14 days' production 24.541 lbs. butter fat; milk 727.5 lbs.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

**NO. 4110. PRIDE OF WHITTAKER 2D 53664.**

PRIDE OF WHITTAKER 2d 4110 A. R. O. In 4 y. 11 m. 25 d., 25.410 lbs. fat 14 d.	{	Sir Jewel Jantje Mechthilde 212 A. R.	{	Sir Abbekerk Mechthilde 246 A. R.
				Niva Jantje 25940.
	{	Pride of Whittaker 2102 A. R. O. In 3 y. 8 m. 26 d., 11.674 lbs. fat.	{	Canary's Mercedes' Royal Climax 200 A. R.
				Whittaker's Belle 34100.

Owned by R. C. Reed, Howell, Mich. Bred by J. S. Childs, Whittaker, Mich. Calved November 6, 1899.

Official Butter Record: Dropped calf November 1, 1904, at 4 y. 11 m. 25 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 13.263 lbs. butter fat; milk 363.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf November 1, 1904, at 4 y. 11 m. 25 d. of age; commenced record March 9, 1905; closed record March 22; 14 days' production 25.410 lbs. butter fat; milk 721.4 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**MAUL STIENSTRA 3258 A. R. O. 61334.**

MAUD STIENSTRA 3258 A. R. O. In 3 y. 1 m. 7 d., 29.956 lbs. fat 14 d.	{	Commodore Pietertje De Kol 25112.	{	Sir Akkrum Pietertje De Kol 330 A. R.
				Lady C. M. Pietertje 42837.
	{	Mary Stienstra 40288.	{	Rock Maple 18861.
				Lady Stienstra 2d 11505.

Owned by R. C. Reed, Howell, Mich.

[Entry of additional records. For previous records see Vol. XV, page 258.]



Second Official Butter Record: Dropped calf February 2, 1905, at 3 y. 1 m. 7 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 15.444 lbs. butter fat; milk 462.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 2, 1905, at 3 y. 1 m. 7 d. of age; commenced record March 9, 1905; closed record March 22; 14 days' production 29.956 lbs. butter fat; milk 907.1 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

#### NO. 4111. DAISY DE KOL OF WHITTAKER 61257.

DAISY DE KOL OF WHITTAKER 4111 A. R. O. In 3 y. 4 m. 18 d., 33.362 lbs. fat 14 d.	{	Count Colantha Alban 25148.	{ De Kol 2d's Alban 114 A. R.
			{ Brightest Promise Colantha 42751.
		Aconeth Tritomia 35417.	{ Tritomia Mercedes Clide 17015.
			{ Aconeth 2d's Pride 12007.

Owned by R. C. Reed, Howell, Mich. Bred by J. S. Childs, Whittaker, Mich.  
Calved October 7, 1901.

Official Butter Record: Dropped calf February 25, 1905, at 3 y. 4 m. 18 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 17.768 lbs. butter fat; milk 439.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 25, 1905, at 3 y. 4 m. 18 d. of age; commenced record March 9, 1905; closed record March 22; 14 days' production 33.362 lbs. butter fat; milk 811.8 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

#### NO. 4112. GAZA ACONETH PIETERTJE B. 63421.

GAZA ACONETH PIE- TERTJE B. 4112 A. R. O. In 2 y. 2 m. 19 d., 9.352 lbs. fat.	{	Sir Akkrum Pietertje De Kol 338 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Lady Akkrum's Pietertje 30667.
		Gaza Aconeth Pietertje 38353.	{ Lewis Pietertje 19739.
			{ Gaza Aconeth 25452.

Owned by John W. Worthington, Oak Grove, Mich. Bred by W. K. Sexton, Howell, Mich. Calved September 13, 1902.

Official Butter Record: Dropped calf December 2, 1904, at 2 y. 2 m. 19 d. of age; commenced record March 9, 1905; closed record March 15; 7 days' production 9.352 lbs. butter fat; milk 297.4 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**NO. 4113. A. & G. AMERICA PAULINE 65515.**

✓ A. & G. AMERICA PAUL- INE 4113 A. R. O. In 3 y. 2 d., 13.333 lbs. fat.	{ A. & G. Butter King 153 A. R.	{ Mutual Friend 3d's Paul 148 A. R.
	{ Pauline Paul America 3d 40245.	{ Pietertje Hengerveld's Lady De Kol 2d 1452 A. R. O. In 3 y. 9 m., 12.919 lbs. fat.
		{ Concordia's Netherland 104 A. R.
		{ Pauline Paul America 1121 A. R. O. In 9 y. 10 m. 19 d., 16.179 lbs. fat.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by Averill & Gregory, Syracuse, N. Y. Calved February 2, 1902.

Official Butter Record: Dropped calf February 4, 1905, at 3 y. 2 d. of age; commenced record March 10, 1905; closed record March 17; 7 days' production 13.333 lbs. butter fat; milk 442.8 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**WILD WEST DE KOL 2453 A. R. O. 56020.**

✓ WILD WEST DE KOL 2453 A. R. O. In 4 y. 4 m. 8 d., 14.858 lbs. fat.	{ Ignaro De Kol 251 A. R.	{ Johanna 5th's Paul De Kol 22372.
	{ Wild West 42175.	{ Cascade Princess 2877 A. R. O. In 7 y. 11 m. 16 d., 13.720 lbs. fat.
		{ Zumbro B's Mascot 21973.
		{ La Belle Clifden 38823.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XIV, page 39, Vol. XV, page 281.]

Third Official Butter Record: Dropped calf February 7, 1905, at 4 y. 4 m. 8 d. of age; commenced record March 3, 1905; closed record March 10; 7 days' production 14.858 lbs. butter fat; milk 463.9 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**AAGGIE MARTIN 2506 A. R. O. 42172.**

AAGGIE MARTIN 2506 A. R. O. In 8 y. 10 m. 15 d., 14.465 lbs. fat.	{ Romeo Aggie 213 A. R.	{ Sir Newton of Aaggie 5th 2005.
	{ Lady Martin 2d 18635.	{ Bracelet 2d 5397.
		{ Captain's Victor 5160.
		{ Lady Martin 2060 H.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XIV, page 65.]

Second Official Butter Record: Dropped calf February 16, 1905, at 8 y. 10 m. 15 d. of age; commenced record March 4, 1905; closed record March 11; 7 days' production 14.465 lbs. butter fat; milk 446.1 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**IGNARETTA DE KOL 3144 A. R. O. 55793.**

IGNARETTA DE KOL  
3144 A. R. O. In 4 y. 3  
m. 14 d., 16.889 lbs. fat.

{ Ignaro De Kol 251 A. R.

{ Johanna 5th's Paul De Kol  
22372.

{ Cascade Princess 2877 A. R.  
O. In 7 y. 11 m. 16 d.,  
13.720 lbs. fat.

{ Lady Kathleen's Minnewawa  
39188.

{ Beauty Prince 9355.

{ Lady Kathleen 22913.

Owned by Charles D. Pierce, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XV, page 188.]

Second Official Butter Record: Dropped calf February 3, 1905, at 4 y. 3 m. 14 d. of age; commenced record March 8, 1905; closed record March 15; 7 days' production 16.889 lbs. butter fat; milk 507 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**NO. 4114. RACHEL KORNDYKE DE KOL 62257.**

RACHEL KORNDYKE DE  
KOL 4114 A. R. O. In 2  
y. 4 m. 9 d., 12.573 lbs.  
fat.

{ Sir Korndyke Manor De Kol  
28133.

{ De Kol 2d's Butter Boy 3d  
147 A. R.

{ Korndyke Queen De Kol  
1549 A. R. O. In 6 y. 7  
m. 19 d., 349.636 lbs. fat  
182½ d.

{ May Rachel 54182.

{ Major Hamilton 21652.

{ May Flower Rachel 27984.

Owned by J. W. Dimick, Rifton, N. Y. Bred by Freeborn Brothers, New Woodstock, N. Y. Calved September 24, 1902.

Official Butter Record: Dropped calf February 3, 1905, at 2 y. 4 m. 9 d. of age; commenced record February 27, 1905; closed record March 5; 7 days' production 12.573 lbs. butter fat; milk 345.6 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

**NO. 4115. LILLIAN PIETERTJE HENGERVELD DE KOL 56098.**

LILLIAN PIETERTJE  
HENGERVELD DE KOL  
4115 A. R. O. In 4 y. 3  
m. 26 d., 25.524 lbs. fat  
14 d.

{ Pietertje Hengerveld's Count  
De Kol 135 A. R.

{ De Kol 2d's Butter Boy 129  
A. R.

{ Pietertje Hengerveld 1139 A.  
R. O. In 4 y. 10 m. 11  
d., 17.482 lbs. fat.

{ Sara Pietertje De Kol 49805.

{ Maplecroft Maid's De Kol  
22420.

{ Sara Pietertje 32311.

Owned by J. W. Dimick, Rifton, N. Y. Bred by A. F. Cole, Morrisville Station, N. Y. Calved September 18, 1900.

Official Butter Record: Dropped calf January 14, 1905, at 4 y. 3 m. 26 d. of age; commenced record February 14, 1905; closed record February 20; 7 days' production 13.261 lbs. butter fat; milk 401.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 14, 1905, at 4 y. 3 m. 26 d. of age; commenced record February 8, 1905; closed record February 22; 14 days' production 25.524 lbs. butter fat; milk 777.1 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

### LADY META VERNON 3312 A. R. O. 59583.

LADY META VERNON 3312 A. R. O. In 2 y. 10 m. 8 d., 22.982 lbs. fat 14 d.	{	Homestead Vernon De Kol 220 A. R.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
				Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.
	{	Meta L. 1619 A. R. O. In 7 y. 9 m. 7 d., 16.179 lbs. fat.	{	Pietertje Hartog 137 A. R.
				Pansy D. Vere 23312.

Owned by J. W. Dimick, Rifton, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 287.]

Second Official Butter Record: Dropped calf January 4, 1905, at 2 y. 10 m. 8 d. of age; commenced record February 13, 4.45 p. m., 1905; closed record February 20, 10.45 a. m.; 7 days' production 12.215 lbs. butter fat; milk 390.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 4, 1905, at 2 y. 10 m. 8 d. of age; commenced record February 8, 10.45 a. m., 1905; closed record February 22, 4.45 a. m.; 14 days' production 22.982 lbs. butter fat; milk 746.7 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

### BARBARA LADY 2396 A. R. O. 54740.

BARBARA LADY 2396 A. R. O. In 4 y. 9 m. 24 d., 28.490 bs. fat 14 d.	{	Aaggie Grace Sir De Kol 199 A. R.	{	Manor De Kol 130 A. R.
				Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
	{	Netherland Van Friesland's Lady 1965 A. R. O. In 11 y. 8 m. 23 d., 31.886 lbs. fat 14 d.	{	Netherland Van Friesland 205 A. R.
				Brookside Queen 8124.

Owned by J. W. Dimick, Rifton, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 259, Vol. XIV, page 229.]

Third Official Butter Record: Dropped calf January 16, 1905, at 4 y. 9 m. 24 d. of age; commenced record February 13, 10.45 a. m., 1905; closed record February 20, 4.45 a. m.; 7 days' production 14.600 lbs. butter fat; milk 417.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 16, 1905, at 4 y. 9 m. 24 d. of age; commenced record February 6, 4.45 p. m., 1905; closed record February 20, 10.45 a. m.; 14 days' production 28.490 lbs. butter fat; milk 802.7 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

**NO. 4116. RIFTON MAID 44559.**

RIFTON MAID 4116 A. R.  
O. In 8 y. 2 m. 6 d.,  
29.039 lbs. fat 14 d.

Rifton 22520.

{ Pacha's Mink Mercedes  
12962.  
Whisper 3d 6685.

{ Werra Maid 16013.

{ Penopa's Schillaard 2760.  
Werra 3d 4571.

Owned and bred by J. W. Dimick, Rifton, N. Y. Calved November 19, 1896.

Official Butter Record: Dropped calf January 25, 1905, at 8 y. 2 m. 6 d. of age; commenced record February 14, 4.45 p. m., 1905; closed record February 21, 10.45 a. m.; 7 days' production 15.242 lbs. butter fat; milk 459.1 lbs.

Official Butter Record: Fourteen consecutive days: Dropped calf January 25, 1905, at 8 y. 2 m. 6 d. of age; commenced record February 7, 10.45 p. m., 1905; closed record February 21, 4.45 p. m.; 14 days' production 29.039 lbs. butter fat; milk 864.1 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

**NO. 4117. JUDY MODEL 2D 72801.**

JUDY MODEL, 2d 4117 A.  
R. O. In 2 y. 1 m. 9 d.,  
8.391 lbs. fat.

{ Major Hengerveld De Kol  
28031.

{ Pietertje Hengerveld's Count  
De Kol 135 A. R.  
Rouble 5th's Pietertje 1259  
A. R. O. In 3 y. 11 m.  
29 d., 14.857 lbs. fat.

{ Judy Model 3954 A. R. O.  
In 5 y. 1 m. 6 d., 13.301  
lbs. fat.

{ Model Pride 348 A. R.  
Lady Rival 2d 68030.

Owned and bred by Oneida Community, Kenwood, N. Y. Calved December 21, 1902.

Official Butter Record: Dropped calf January 30, 1905, at 2 y. 1 m. 9 d. of age; commenced record March 3, 1905; closed record March 10; 7 days' production 8.391 lbs. butter fat; milk 286.2 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.



**NO. 4118. AAFKE 9TH 72544.**

AAFKE 9th 4118 A. R. O.  
In 7 y. 17 d., 14.122 lbs.  
fat.

{ Jan 2235 F. H. B.

{ Aafke 7th 9335 F. H. B.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by M. S. Veeman, Marssum, Friesland. Calved January 31, 1898.

Official Butter Record: Dropped calf February 18, 1905, at 7 y. 17 d. of age; commenced record March 4, 1905; closed record March 11; 7 days' production 14.122 lbs. butter fat; milk 527.3 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**NO. 4119. GERBENS 7TH 72541.**

GERBENS 7th 4119 A. R.  
O. In 6 y. 9 m. 15 d.,  
12.998 lbs. fat.

{ Cesar 2d 2260 F. H. B.

{ Gerbens 6th 9192 F. H. B.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by N. K. Kuperus, St. Jacobi Parochie, Friesland. Calved May 19, 1898.

Official Butter Record: Dropped calf March 4, 1905, at 6 y. 9 m. 15 d. of age; commenced record March 10, 1905; closed record March 17; 7 days' production 12.998 lbs. butter fat; milk 380.9 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**NO. 4120. ZWARTE de BOER 72562.**

ZWARTE DE BOER 4120 A.  
R. O. In 6 y. 10 m. 17  
d., 15.431 lbs. fat.

{ Jacob 2280 F. H. B.

{ Suze 8692 F. H. B.

Owned by Charles D. Pierce, San Francisco, Cal. Bred by R. D. de Boer, Arum, Friesland. Calved April 7, 1898.

Official Butter Record: Dropped calf February 24, 1905, at 6 y. 10 m. 17 d. of age; commenced record March 5, 1905; closed record March 11; 7 days' production 15.431 lbs. butter fat; milk 520.4 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**DUCHESS PIEBE DE KOL 2353 A. R. O. 52348.**

DUCHESS PIEBE DE KOL  
2353 A. R. O. In 5 y. 3  
m. 18 d., 140.597 lbs. fat  
60 d.

De Kol 2d's Butter Boy 3d  
147 A. R.

Manor De Kol 130 A. R.

De Kol 2d 412 A. R. O.  
In 10 y. 11 m. 3 d., 21.261  
lbs. fat.

Duchess Ormsby 3d 2481 A.  
R. O. In 8 y. 2 m. 18 d.,  
63.037 lbs. fat 30 d.

Aaltje Salo 2d's Carl 19484.

Duchess Ormsby 1432 A. R.  
O. In 9 y. 10 m. 14 d.,  
19.418 lbs. fat.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 236, Vol. XV, page 72.]

Third Official Butter Record: Dropped calf December 9, 1904, at 5 y. 3 m. 18 d. of age; commenced record January 21, 11 a. m., 1905; closed record January 28, 5 a. m.; 7 days' production 18.668 lbs. butter fat; milk 601.7 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf December 9, 1904, at 5 y. 3 m. 18 d. of age; commenced record January 4, 11 p. m., 1905; closed record February 3, 5 p. m.; 30 days' production 74.493 lbs. butter fat; milk 2,336.4 lbs.

Official Butter Record: Sixty consecutive days. Dropped calf December 9, 1904, at 5 y. 3 m. 18 d. of age; commenced record December 25, 11 a. m., 1904; closed record February 23, 5 a. m., 1905; 60 days' production 140.597 lbs. butter fat; milk 4,452.4 lbs.

Attested by G. W. Tailby, Jr., and C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 4121. NANNETTE PLEDGE HENGERVELD 49618.**

NANNETTE PLEDGE  
HENGERVELD 4121 A.  
R. O. In 6 y. 1 m. 7 d.,  
58.789 lbs. fat 30 d.

Manor De Kol 130 A. R.

De Kol 2d's Netherland 118  
A. R.

Netherland Hengerveld 1133  
A. R. O. In 7 y. 11 m.  
10 d., 21.333 lbs. fat.

Nannette 3d's Pledge 1138 A.  
R. O. In 4 y. 11 m. 13  
d., 17.470 lbs. fat.

Pledge's Joe 7418.

Nannette 3d 10539.

Owned by H. D. Jones, Chepachet, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved November 5, 1898.

Official Butter Record: Dropped calf December 12, 1904, at 6 y. 1 m. 7 d. of age; commenced record January 2, 11 p. m., 1905; closed record January 9, 5 p. m.; 7 days' production 15.144 lbs. butter fat; milk 442.6 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf December 12, 1904, at 6 y. 1 m. 7 d. of age; commenced record December 21, 1904; closed record January 19, 1905; 30 days' production 58.789 lbs. butter fat; milk 1,750 lbs.

Attested by F. R. Barnard, G. W. Tailby, Jr., and C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 4122. EDITH CLOTHILDE DE KOL 59119.**

EDITH CLOTHILDE DE KOL 4122 A. R. O. In 3 y. 10 m. 4 d., 10.630 lbs. fat.	{	Hamilton De Kol 22814.	{	De Kol Pietertje King 21714.
		Edith Prescott 4th's Clothilde 1453 A. R. O. In 4 y. 9 m. 28 d., 15.177 lbs. fat.		Beauty of Hamilton 35537.
			{	Aaggie Grace's Pietertje Clothilde 112 A. R.
			{	Edith Prescott 4th 22556.

Owned and bred by Estate of Elba S. Talbot, Burlington Flats, N. Y. Calved March 26, 1901.

Official Butter Record: Dropped calf January 30, 1905, at 3 y. 10 m. 4 d. of age; commenced record February 23, 1905; closed record March 2; 7 days' production 10.630 lbs. butter fat; milk 348.9 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**NO. 4123. MAGNA CHARTA DE KOL 59121.**

✓ MAGNA CHARTA DE KOL 4123 A. R. O. In 3 y. 10 m. 20 d., 11.447 lbs. fat.	{	Small Hopes De Kol 24800.	{	Paul Beets De Kol 113 A. R.
		Silver Bow 49964.		Small Hopes Netherland 2201 A. R. O. In 9 y. 6 m. 11 d., 14.071 lbs. fat.
			{	Hamilton De Kol 22814.
			{	Edith Prescott 4th 22556.

Owned and bred by Estate of Elba S. Talbot, Burlington Flats, N. Y. Calved March 7, 1901.

Official Butter Record: Dropped calf January 27, 1905, at 3 y. 10 m. 20 d. of age; commenced record February 22, 1905; closed record March 1; 7 days' production 11.447 lbs. butter fat; milk 400.3 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**AAGGIE PAULINE WAYNE DE KOL 3D 3552 A. R. O. 62269.**

AAGGIE PAULINE WAYNE DE KOL 3d 3552 A. R. O. In 5 y. 6 m. 13 d., 15.707 lbs. fat.	{	Sir Wayne Paul De Kol Pietertje 28327.	{	Aaggie Wayne 4th's Paul De Kol 20928.
		Aaggie Pauline Wayne De Kol 59134.		Milly Ondit Pietertje 53420.
			{	Aaggie Wayne 4th's Paul De Kol 20928.
			{	Aaggie Netherland Minnie 51280.

Owned by E. J. Tefft, Earlville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 424.]

Second Official Butter Record: Dropped calf March 2, 1905, at 5 y. 6 m. 13 d. of age; commenced record March 11, 1905; closed record March 17; 7 days' production 15.707 lbs. butter fat; milk 430.3 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**RUBLE DE KOL PAUL 3554 A. R. O. 59179.**

RUBLE DE KOL PAUL 3554 A. R. O. In 3 y. 11 m. 15 d., 29.338 lbs. fat 14 d.	{	Mulvie's De Kol Paul De Kol 24587.	{	De Kol 2d's Paul De Kol 107 A. R.
		Mabel P. 2650 A. R. O. In 7 y. 2 m. 4 d., 13.937 lbs. fat.		Mulvie 1161 A. R. P. In 6 y. 11 m. 6 d., 21 lbs. 7.5 oz. butter by churn.
			{	Gold Gem Pietertje 21229.
				Ruble Pietertje 32324.

Owned by E. J. Tefft, Earlville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 425.]

Second Official Butter Record: Dropped calf February 25, 1905, at 3 y. 11 m. 15 d. of age; commenced record March 8, 11 p. m., 1905; closed record March 15, 5 p. m.; 7 days' production 15.595 lbs. butter fat; milk 415.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 25, 1905, at 3 y. 11 m. 15 d. of age; commenced record March 3, 11 p. m., 1905; closed record March 17, 5 p. m.; 14 days' production 29.338 lbs. butter fat; milk 814.9 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**NO. 4124. ESTHER CLOTHILDE PRIDE 53191.**

ESTHER CLOTHILDE PRIDE 4124 A. R. O. In 5 y. 1 m. 9 d., 13.486 lbs. fat.	{	Duanna Pride 25087.	{	King Boon 22363.
		Zeruah Clothilde 2857 A. R. O. In 5 y., 11 m. 28 d., 13.616 lbs. fat.		Duanna Darling 24356.
			{	Clothilde Rex 19639.
				Kittie Edler 4th 34163.

Owned by E. J. Tefft, Earlville, N. Y. Bred by T. G. Stanton, South Oxford, N. Y. Calved January 14, 1900.

Official Butter Record: Dropped calf February 23, 1905, at 5 y. 1 m. 9 d. of age; commenced record March 6, 1905; closed record March 13; 7 days' production 13.486 lbs. butter fat; milk 487.5 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**NO. 4125. PANSY PIETERTJE DE KOL 60021.**

PANSY PIETERTJE DE KOL 4125 A. R. O. In 3 y. 11 m. 3 d., 13.611 lbs. fat.	{	King De Kol Gatske 25010.	{	De Kol Gatske 24932.
		Maid Pietertje Lass 37309.		Anna 5th 28912.
			{	Duke Pietertje Hijlaard 17739.
				Pietertje Maid 32277.

Owned and bred by H. D. Risley, Earlville, N. Y. Calved February 10, 1901.

Official Butter Record: Dropped calf January 13, 1905, at 3 y. 11 m. 3 d. of age; commenced record January 29, 1905; closed record February 4; 7 days' production 13.611 lbs. butter fat; milk 467.1 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 4126. GLADYS PAULINE 39744.**

GLADYS PAULINE 4126 A. R. O. In 9 y. 11 m. 6 d., 12.837 lbs. fat.	{	Star's Paul De Kol 20340.	{	Paul De Kol 97 A. R.
		Lida B. 20896.		Star 21 A. R. P. In 5 y. 10 m. 29 d., 20 19-32 lbs. but- ter by churn.
			{	Duke of Fair Haven 4650.
			{	Daisy H. 2d 9774.

Owned by H. D. Risley, Earlville, N. Y. Bred by William Caldwell, Syracuse, N. Y. Calved February 9, 1895.

Official Butter Record: Dropped calf January 15, 1905, at 9 y. 11 m. 6 d. of age; commenced record January 30, 1905; closed record February 6; 7 days' production 12.837 lbs. butter fat; milk 470.8 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 4127. MAY BELLE W. 61512.**

MAY BELLE W. 4127 A. R. O. In 3 y. 2 m. 14 d., 12.432 lbs. fat.	{	Admiral Walker 343 A. R.	{	Capitola Duke 21530.
				Lillian Walker 2667 A. R. O. In 7 y. 6 m. 6 d., 71.615 lbs. fat 30 d.
		Annelida Belle 3773 A. R. O. In 9 y. 4 m. 13 d., 15.293 lbs. fat.	{	Leonie Tweede's Pietertje 293 A. R.
			{	Annelida 1678 D. F.

Owned by H. D. Risley, Earlville, N. Y. Bred by A. A. Hartshorn, Hamilton, N. Y. Calved October 30, 1901.

Official Butter Record: Dropped calf January 14, 1905, at 3 y. 2 m. 14 d. of age; commenced record January 30, 1905; closed record February 5; 7 days' production 12.432 lbs. butter fat; milk 390.6 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.



**NO. 4128. LILY NETHERLAND PAULINE 64002.**

LILY NETHERLAND PAULINE 4128 A. R. O. In 2 y. 3 m. 1 d., 11.238 lbs. fat.	{	Paul Beets De Kol 113 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
			{	Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
	{	Lily Netherland 1303 A. R. O. In 6 y. 10 m. 2 d., 12.295 lbs. fat.	{	Aaggie Grace's Pietertje Clothilde 20697.
			{	Aaggie Lily 3d's Netherland 1224 A. R. O. In 10 y. 12 d., 13.911 lbs. fat.

Owned and bred by A. W. Brown, Unadilla Forks, N. Y. Calved November 16, 1902.

Official Butter Record: Dropped calf February 17, 1905, at 2 y. 3 m. 1 d. of age; commenced record March 10, 12 p. m., 1905; closed record March 17, 6 p. m.; 7 days' production 11.238 lbs. butter fat; milk 327.7 lbs.

Attested by F. R. Barnard, Cornell University Agricultural Experiment Station.

**SEGIS AAGGIE GRACE 2D 1746 A. R. O. 47677.**

SEGIS AAGGIE GRACE 2d 1746 A. R. O. In 6 y. 9 m. 7 d., 16.156 lbs. fat.	{	Paul Beets De Kol 113 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
			{	Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
	{	Segis Aaggie Grace 1377 A. R. O. In 3 y. 6 d., 11.811 lbs. fat.	{	Aaggie Grace's Pietertje Clothilde 112 A. R.
			{	Segis Aaggie 2d's Pietertje 1223 A. R. O. In 4 y. 2 m. 3 d., 12.713 lbs. fat.

Owned by A. W. Brown, Unadilla Forks, N. Y.

[Entry of additional records. For previous records see Vol. XII, page 34, Vol. XIV, page 201.]

Third Official Butter Record: Dropped calf February 17, 1905, at 6 y. 9 m. 7 d. of age; commenced record March 10, 12 p. m., 1905; closed record March 17, 6 p. m.; 7 days' production 16.156 lbs. butter fat; milk 479.8 lbs.

Attested by F. R. Barnard, Cornell University Agricultural Experiment Station.

**NO. 4129. CORNELIA PAULINE DE KOL CALAMITY 68897.**

CORNELIA PAULINE DE KOL CALAMITY 4129 A. R. O. In 2 y. 9 d., 10.829 lbs. fat.	{	Calamity De Kol Paul 27488.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
			{	Calamity Jane's Pauline 1688 A. R. O. In 4 y. 5 m. 28 d., 14.172 lbs. fat.
	{	Cornelia Pauline 2d 2765 A. R. O. In 4 y. 23 d., 14.689 lbs. fat.	{	De Yong Paul 19956.
			{	Cornelia Pauline 34812.

Owned by A. W. Brown, Unadilla Forks, N. Y. Bred by C. F. Hunt, Manlius, N. Y. Calved February 18, 1903.

Official Butter Record: Dropped calf February 27, 1905, at 2 y. 9 d. of age; commenced record March 9, 6 p. m., 1905; closed record March 16, 12 m.; 7 days' production 10.829 lbs. butter fat; milk 287.1 lbs.

Attested by F. R. Barnard, Cornell University Agricultural Experiment Station.

#### NO. 4130. WILHELMINA DE KOL BONHEUR 65812.

✓ WILHELMINA DE KOL BONHEUR 4130 A. R. O. In 1 y. 11 m. 2 d., 8.481 lbs. fat.	{	Rosa Bonheur 5th's Colantha Lad 28025.	{ Colantha Lad 23883. Rosa Bonheur 5th 1117 A. R. O. In 5 y. 10 m. 16 d., 20.270 lbs. fat.
		Wilhelmina De Kol 1744 A. R. O. In 5 y. 1 m. 4 d., 12.573 lbs. fat.	{ Harry De Kol 22093. Wing Vergens 1444 A. R. O. In 10 y. 11 m. 25 d., 14.495 lbs. fat.

Owned by F. G. Johnston & Co., Columbus, O. Bred by W. F. Burdell, Columbus, O. Calved February 21, 1903.

Official Butter Record: Dropped calf January 23, 1905, at 1 y. 11 m. 2 d. of age; commenced record March 7, 1905; closed record March 13; 7 days' production 8.481 lbs. butter fat; milk 245.5 lbs.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

#### NO. 4131. ORRICE DE KOL BONHEUR 65808.

ORRICE DE KOL BON- HEUR 4131 A. R. O. In 2 y. 16 d., 28.209 lbs. fat 15 d.	{	Rosa Bonheur 5th's Colantha Lad 28025.	{ Colantha Lad 23883. Rosa Bonheur 5th 1117 A. R. O. In 5 y. 10 m. 16 d., 20.270 lbs. fat.
		Orrice 5th's De Kol Clothilde 2249 A. R. O. In 3 y. 1 m. 25 d., 13.254 lbs. fat.	{ Paul De Kol 97 A. R. Orrice 5th 1441 A. R. O. In 6 y. 10 m. 14 d., 17.044 lbs. fat.

Owned by F. G. Johnston & Co., Columbus, O. Bred by W. F. Burdell, Columbus, O. Calved February 9, 1903.

Official Butter Record: Dropped calf February 25, 1905, at 2 y. 16 d. of age; commenced record March 7, 1905; closed record March 13; 7 days' production 14.006 lbs. butter fat; milk 354.9 lbs.

Official Butter Record: Fifteen consecutive days. Dropped calf February 25, 1905, at 2 y. 16 d. of age; commenced record March 7, 1905; closed record March 21; 15 days' production 28.209 lbs. butter fat; milk 774.6 lbs.

Attested by Lemuel Harrold and J. T. Dallas, Ohio Agricultural Experiment Station.

**NO. 4132. HARTOG MERCEDES DE KOL 67496.**

<b>HARTOG MERCEDES DE KOL</b> 4132 A. R. O. In 1 y. 11 m. 17 d., 8.814 lbs. fat.	{ Christmas De Kol Prince 26301.	{ De Kol 2d's Paul De Kol No. 2, 154 A. R.
		{ Hendrika Mercedes 29047.
	{ Una Allen's Jewel 2d 65292.	{ Netherlands Calistra Neptune 24026.
		{ Una Allen's Jewel 53428.

Owned by F. B. Fargo, Lake Mills, Wis. Bred by M. T. Allen, Waupaca, Wis. Calved February 9, 1903.

Official Butter Record: Dropped calf January 26, 1905, at 1 y. 11 m. 17 d. of age; commenced record February 4, 1905; closed record February 10; 7 days' production 8.814 lbs. butter fat; milk 236.5 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**NO. 4133. AURORA PIEBE DE KOL 66284.**

<b>AURORA PIEBE DE KOL</b> 4133 A. R. O. In 2 y. 3 m. 18 d., 10.732 lbs. fat.	{ Sir Piebe Hengerveld De Kol 233 A. R.	{ Gem Pietertje Hengerveld Paul De Kol 155 A. R.
		{ Piebe Laura 1673 A. R. O. In 12 y. 9 m. 7 d., 78.224 lbs. fat 36 d.
	{ Aurora Barbetta 2170 A. R. O. In 3 y. 7 m. 28 d., 11.302 lbs. fat.	{ Aurora's Partheneas 23343.
		{ Aaggie Barbetta 3108 A. R. O. In 8 y. 7 m. 23 d., 65.028 lbs. fat 30 d.

Owned and bred by F. B. Fargo, Lake Mills, Wis. Calved October 2, 1902.

Description: Age, 2 y. 4 m. 5 d.; dairy form; head, broad forehead, strong muzzle; neck, rather short, clean; chine, raised well above shoulders, open vertebrae; strong loin, low hips; rump, straight, square; escutcheon, large; mammary veins, large, tortuous; udder, well balanced, quarters evenly developed; teats, large; handling, pliable; secretions of skin, fair, height, shoulders 51 inches, hips 52; length, body 57, rump 18; width, hips 17.5, thurl 10; girth 67; weight, 850 lbs.; examiner, A. O. Oleson; examined February 7, 1905.

Official Butter Record: Dropped calf January 20, 1905, at 2 y. 3 m. 18 d. of age; commenced record February 2, 1905; closed record February 8; 7 days' production 10.732 lbs. butter fat; milk 282.4 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**NO. 4134. AAGGIE GRACE MANOR QUEEN 63101.**

<b>AAGGIE GRACE MANOR QUEEN</b> 4134 A. R. O. In 2 y. 1 m. 14 d., 11.701 lbs. fat.	{ Aaggie Grace Sir De Kol 199 A. R.	{ Manor De Kol 130 A. R.
		{ Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
	{ Netherlands Van Friesland's Queen 1958 A. R. O. In 10 y. 4 d., 13.747 lbs. fat.	{ Netherlands Van Friesland 205 A. R.
		{ Brookside Queen 8124.

Owned and bred by W. H. Grenell, Pierrepont Manor, N. Y. Calved February 14, 1902.

Official Butter Record: Dropped calf March 28, 1904, at 2 y. 1 m. 14 d. of age; commenced record April 10, 1 p. m., 1904; closed record April 17, 5 a. m.; 7 days' production 11.701 lbs. butter fat; milk 297 lbs.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

#### NO. 4135. HOMESTEAD QUEEN DE KOL 42772.

HOMESTEAD QUEEN DE KOL 4135 A. R. O. In 8 y. 6 d., 66.067 lbs. fat 30 d.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
			{ Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
	{	Shadeland Ruby 5th's Queen 33331.	{ Shadeland Victor 14894.
			{ Shadeland Ruby 5th 1350 A. R. O. In 6 y. 11 m. 1 d., 12.501 lbs. fat.

Owned and bred by W. A. Matteson, Utica, N. Y. Calved January 17, 1897.

Official Butter Record: Dropped calf January 23, 1905, at 8 y. 6 d. of age; commenced record February 9, 5 p. m., 1905; closed record February 16, 11 a. m.; 7 days' production 16.138 lbs. butter fat; milk 484.2 lbs.

Official Butter Record: Thirty consecutive' days. Dropped calf January 23, 1905, at 8 y. 6 d. of age; commenced record February 2, 11 p. m., 1905; closed record March 4, 5 p. m.; 30 days' production 66.067 lbs. butter fat; milk 2,040.7 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

#### HOMESTEAD GEM SADIE DE KOL 3355 A. R. O. 56696.

HOMESTEAD GEM SADIE DE KOL 3355 A. R. O. In 3 y. 7 m. 19 d., 63.699 lbs. fat 30 d.	{	Paul De Kol Jr 346 A. R.	{ Paul De Kol 97 A. R.
			{ Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 24 d., 176.420 lbs. fat 60 d.
	{	Homestead Gem Pauline De Kol 2724 A. R. O. In 5 y. 11 m. 28 d., 78.913 lbs. fat 30 d.	{ Pietertje Hengerveld's Paul De Kol 109 A. R.
			{ Maplecroft Gem 1351 A. R. O. In 5 y. 5 m. 11 d., 16.079 lbs. fat.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 313.]

Second Official Butter Record: Dropped calf January 22, 1905, at 3 y. 7 m. 19 d. of age; commenced record February 17, 11 p. m., 1905; closed record February 24, 5 p. m.; 7 days' production 15.475 lbs. butter fat; milk 481.1 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 22, 1905, at 3 y. 7 m. 19 d. of age; commenced record January 29, 5 p. m., 1905; closed record February 28, 11 a. m.; 30 days' production 63.699 lbs. butter fat; milk 1,889.5 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 4136. BRISMA DE KOL PAULINE 64209.**

BRISMA DE KOL PAULINE 4136 A. R. O. In 2 y. 2 m. 3 d., 15.568 lbs. fat 14 d.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
		Brimsma Pauline 49391.	{	Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
			{	Aaggie Wayne 4th's Paul De Kol 20928.
			{	Brimsma 3d 8228.

Owned by E. J. Tefft, Earlville, N. Y. Bred by E. C. Brill, Poughquag, N. Y. Calved November 12, 1902.

Official Butter Record: Dropped calf January 15, 1905, at 2 y. 2 m. 3 d. of age; commenced record March 10, 1905; closed record March 16; 7 days' production 8.030 lbs. butter fat; milk 261.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 15, 1905, at 2 y. 2 m. 3 d. of age; commenced record March 4, 1905; closed record March 17; 14 days' production 15.568 lbs. butter fat; milk 505.6 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**NO. 4137. LITTLE GOLDIE 3D 48635.**

LITTLE GOLDIE 3d 4137 A. R. O. In 6 y. 29 d., 13.468 lbs. fat.	{	De Kol Burke 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Little Goldie 37838.	{	Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
			{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
			{	Lady Dora Thorn 32287.

Owned by A. L. Williams, Fond du Lac, Wis. Bred by S. B. Jones & Son, Watertown, Wis. Calved January 27, 1899.

Description: Age, 6 y. 2 m. 3 d.; head, very good, long, broad; neck, good, a little short; chine, prominent; loin and hips, broad, strong; rump, long; escutcheon, wide; mammary veins, long, tortuous; udder, good, quarters even; teats, well placed; handling, good; secretions of skin, scant; height, shoulders 54 inches, hips 55; length, body 68, rump 22.5; width, hips 23, thurl 20; girth 78; examiner, J. P. Bonzelet; examined March 30, 1905.

Official Butter Record: Dropped calf February 26, 1905, at 6 y. 29 d. of age; commenced record March 21, 1905; closed record March 27; 7 days' production 13.468 lbs. butter fat; milk 399.3 lbs.

Attested by J. P. Bonzelet, Wisconsin Agricultural Experiment Station.



**NO. 4138. WILD ROSE PEARL DE KOL 68900.**

WILD ROSE PEARL DE KOL 4138 A. R. O. In 1 y. 11 m. 24 d., 9.727 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
				Pearl of the Dairy 13271.
	{	Maggie of Wild Rose 2d 1486 A. R. O. In 6 y. 11 m. 29 d., 14.912 lbs. fat.	{	Wartena Netherland Prince 128 A. R.
				Maggie of Wild Rose 37831.

Owned by A. L. Williams, Fond du Lac, Wis. Bred by E. E. Randall, Watertown, Wis. Calved March 2, 1903.

Description: Age, 2 y. 28 d.; very good form; head, long, dishing, strong; neck, refined; chine, prominent; loin and hips, broad, strong; rump, long, broad; escutcheon, wide, extending well up; mammary veins, large for a heifer; udder, well developed, quarters even; teats, good; handling, pliable; secretions of skin, yellow, abundant; general appearance, excellent; height, shoulders 51 inches, hips 52.5; length, body 57, rump 19; width, hips 20, thurl 18; girth 69; weight, 840 lbs.; examiner, J. P. Bonzelet; examined March 30, 1905.

Official Butter Record: Dropped calf February 26, 1905, at 1 y. 11 m. 24 d. of age; commenced record March 24, 1905; closed record March 30; 7 days' production 9.727 lbs. butter fat; milk 303.7 lbs.

Attested by J. P. Bonzelet, Wisconsin Agricultural Experiment Station.

**NETTA PAULINE DE KOL 2785 A. R. O. 53850.**

✓ NETTA PAULINE DE KOL 2785 A. R. O. In 5 y. 3 m. 12 d., 15.072 lbs. fat.	{	Johanna Rue 2d's Paul De Kol 187 A. R.	{	Paul Mutual De Kol 18726.
				Johanna Rue 2d 1105 A. R. O. In 5 y. 3 m. 13 d., 17.027 lbs. fat.
	{	Netta Netherland Van Beers 1602 A. R. O. In 12 y. 4 m. 22 d., 14.928 lbs. fat.	{	Netherland Van Beers 221 A. R.
				Lucy Wit 20453.

Owned by A. L. Williams, Fond du Lac, Wis.

[Entry of additional records. For previous records see Vol. XIV, page 220, Vol. XV, page 371.]

Third Official Butter Record: Dropped calf March 10, 1905, at 5 y. 3 m. 12 d. of age; commenced record March 24, 1905; closed record March 30; 7 days' production 15.072 lbs. butter fat; milk 449.1 lbs.

Attested by J. P. Bonzelet, Wisconsin Agricultural Experiment Station.

**NO. 4139. PEARL CONCORDIA 68899.**

PEARL CONCORDIA 4139 A. R. O. In 1 y. 11 m. 8 d., 9.487 lbs. fat.	Homestead Jr De Kol 342 A. R.	{ Paul De Kol Jr 346 A. R. Homestead Heroine De Kol 3698 A. R. O. In 6 y. 1 m. 24 d., 14.693 lbs. fat.
	Pearl Gewina 2418 A. R. O. In 2 y. 9 m. 15 d., 13.021 lbs. fat.	{ Pearl of the Dairy's Joe De Kol 164 A. R. Gewina 2d's Lilly 40124.

Owned by A. L. Williams, Fond du Lac, Wis. Bred by E. E. Randall, Watertown, Wis. Calved April 1, 1903.

Description: Age, 1 y. 11 m. 29 d.; good form; head, long, dishing, refined; neck, long, slender; chine, prominent; loin and hips, broad, strong; rump, long; escutcheon, quite good; mammary veins, good for a heifer; udder, good, quarters even; teats, a little short; handling, good; secretions of skin, yellow; height, shoulders 53 inches, hips 54; length, body 62, rump 20; width, hips 21, thurl 18.5; girth 68; weight, 870 lbs.; examiner, J. P. Bonzelet; examiner March 30, 1905.

Official Butter Record: Dropped calf March 9, 1905, at 1 y. 11 m. 8 d. of age; commenced record March 23, 1905; closed record March 29; 7 days' production 9.487 lbs. butter fat; milk 289.3 lbs.

Attested by J. P. Bonzelet, Wisconsin Agricultural Experiment Station.

**NO. 4140. MAY ORMSBY JOHANNA 2D 67476.**

MAY ORMSBY JOHANNA 2d 4140 A. R. O. In 2 y. 15 d., 35.584 lbs. fat 30 d.	Duchess Ormsby Prince 281 A. R.	{ Wartena Netherland Prince 128 A. R. Duchess Ormsby 3d 2481 A. R. O. In 8 y. 2 m. 18 d., 63.037 lbs. fat 30 d.
	May Ormsby Johanna 4141 A. R. O. In 4 y. 3 m. 5 d., 12.472 lbs. fat.	{ Johanna Paul Colantha 25466. May Ormsby 1609 A. R. O. In 5 y. 8 m. 2 d., 12.171 lbs. fat.

Owned and bred by A. N. McGeoch, Milwaukee, Wis. Calved January 9, 1903.

Description: Age, 2 y. 2 m. 6 d.; dairy form; head, proportionate, symmetrical; neck, long, clean, nearly straight; chine, prominent, broad, open vertebræ; loin and hips, wide, long, nearly level; rump, wide, high; escutcheon, good; mammary veins, large, long; udder, moderately capacious, symmetrical, quarters even; teats, good; handling, superior; secretions of skin, moderately abundant, yellow; general appearance, healthy, vigorous; height, shoulders 52 inches, hips 54; length, body 59, rump 21; width, hips 20, thurl 18; girth 71; weight, 925 lbs. Est.; examiner, O. J. Hanzlik; examined March 15, 1905.

Official Butter Record: Dropped calf January 24, 1905, at 2 y. 15 d. of age; commenced record March 6, 1905; closed record March 12; 7 days' production 8.490 lbs. butter fat; milk 264.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 24, 1905, at 2 y. 15 d. of age; commenced record February 12, 1905; closed record March 14; 30 days' production 35.584 lbs. butter fat; milk 1,077.7 lbs.

Attested by A. O. Oleson and O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### NO. 4141. MAY ORMSBY JOHANNA 54727.

MAY ORMSBY JOHANNA 4141 A. R. O. In 4 y. 3 m. 5 d., 12.472 lbs. fat.	Johanna Paul Colantha 25466.	Paul Colantha 225 A. R.
	May Ormsby 1609 A. R. O. In 5 y. 8 m. 2 d., 12.171 lbs. fat.	Johanna Rue 2d 1105 A. R. O. In 5 y. 3 m. 13 d., 17.027 lbs. fat.
		Wartena Netherland Prince 128 A. R.
		Duchess Ormsby 2d 1613 A. R. O. In 6 y. 10 m. 22 d., 17.048 lbs. fat.

Owned and bred by A. N. McGeoch, Milwaukee, Wis. Calved November 9, 1900.

Description: Age, 4 y. 4 m. 6 d.; dairy form; head, proportionate, symmetrical; neck, moderately fine, straight; chine, wide, moderately prominent, open vertebrae; loin and hips, wide, straight, nearly level; rump, wide, high; escutcheon, good; mammary veins, large, long; udder, capacious, symmetrical, quarters nearly even; teats, good; handling, superior; secretions of skin, yellow, moderately abundant; general appearance, healthy, vigorous; height, shoulders 55 inches, hips 56; length, body 69, rump 22; width, hips 22.5, thurl 20.5; girth 74; weight, 1,280 lbs. Est.; examiner, O. J. Hanzlik; examined March 15, 1905.

Official Butter Record: Dropped calf February 14, 1905, at 4 y. 3 m. 5 d. of age; commenced record February 21, 1905; closed record February 27; 7 days' production 12.472 lbs. butter fat; milk 400.5 lbs.

Attested by A. O. Oleson and O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

#### NO. 4142. WINNIFRED PRIDE BEAUTY MERCEDES 65010.

WINNIFRED PRIDE BEAUTY MERCEDES 4142 A. R. O. In 2 y. 2 m. 17 d., 8.301 lbs. fat.	Canary Mercedes Johanna De Kol 30251.	Johanna Rue 2d's Paul De Kol 187 A. R.
	Winnifred Pride Beauty 1864 A. R. O. In 3 y. 10 m. 8 d., 14.741 lbs. fat.	Canary's Mercedes' Brightest 2110 A. R. O. In 5 y. 4 m. 19 d., 69.808 lbs. fat 30 d.
		Aaltje Salo 3d's Tritomia Netherland 121 A. R.
		Winnifred Pride 2d 44118.

Owned by A. N. McGeoch, Milwaukee, Wis. Bred by T. S. Tompkins, White Bear Lake, Minn. Calved November 17, 1902.

Description: Age, 2 y. 3 m. 19 d.; wedge shaped form; head, long, clean cut; neck, long, somewhat heavy; chine, well up between shoulders, open vertebrae; loin, strong, hips rather low; rump, slightly drooping; escutcheon, broad, extend-

ing well up; mammary veins, long, straight; udder, well balanced, quarters equally balanced; teats, medium size; handling, rather heavy; secretions of skin, yellow; general appearance, healthy; height, shoulders 53 inches, hips 56; length, body 59, rump 20; width, hips 21, thurl 12; girth 71; weight 850 lbs.; examiner, A. O. Oleson; examined March 6, 1905.

Official Butter Record: Dropped calf February 4, 1905, at 2 y. 2 m. 17 d. of age; commenced record February 19, 1905; closed record February 25; 7 days' production 8.301 lbs. butter fat; milk 249.8 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

### FRANCES DE KOL OF LAKESIDE 3268 A. R. O. 57206.

FRANCES DE KOL OF LAKESIDE 3268 A. R. O. In 4 y. 4 m. 23 d., 52.669 lbs. fat 30 d.	{	Homestead Kornelis Paul De Kol 25565.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
				Katherine Electa 28919.
	{	Frances McG. 50036.	{	Peter McG. 22792.
				Frances Colanthus 3384 A. R. O. In 8 y. 4 m. 29 d., 17.051 lbs. fat.

Owned by F. W. Allis, Madison, Wis.

[Entry of additional records. For description and previous records see Vol. XV, page 262.]

Second Official Butter Record: Dropped calf February 8, 1905, at 4 y. 4 m. 23 d. of age; commenced record February 15, 1905; closed record February 21; 7 days' production 12.919 lbs. butter fat; milk 390 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 8, 1905, at 4 y. 4 m. 23 d. of age; commenced record February 15, 1905; closed record March 16; 30 days' production 52.669 lbs. butter fat; milk 1,630.6 lbs.

Attested by W. E. Markey and L. M. Hatch, Wisconsin Agricultural Experiment Station.

### NO. 4143. ABBY HARTOG CLOTHILDE 62154.

ABBY HARTOG CLO- THILDE 4143 A. R. O. In 3 y. 1 m. 12 d., 29.868 lbs. fat 14 d.	{	Clothilde Goudgeld Hugo 27525.	{	Clothilde Goudgeld Lad 25080.
				Carlotta Clothilde 40675.
	{	Margaret Rouble Hartog 53688.	{	Prince Kuperus Pietertje Hartog 25871.
				Dott Rouble 28540.

Owned and bred by H. W. Hartshorn, Lebanon, N. Y. Calved January 15, 1902.

Official Butter Record: Dropped calf February 27, 1905, at 3 y. 1 m. 12 d. of age; commenced record March 11, 11 a. m., 1905; closed record March 18, 5 a. m.; 7 days' production 15.342 lbs. butter fat; milk 384.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 27, 1905, at 3 y. 1 m. 12 d. of age; commenced record March 8, 1905; closed record March 21; 14 days' production 29.868 lbs. butter fat; milk 750.9 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

#### NO. 4144. BEAUTY PIETERTJE 53334.

BEAUTY PIETERTJE 4144 A. R. O. In 5 y. 4 m. 1 d., 87.025 lbs. fat 30 d.	{	Lebanon Pietertje Prince 314 A. R.	{	Inka Princess Pietertje Pledge 140 A. R.
		Prilly 3808 A. R. O. In 9 y. 7 m. 25 d., 17.325 lbs. fat.		Lillian Walker 2667 A. R. O. In 7 y. 6 m. 6 d., 71.615 lbs. fat 30 d.
				Plum 4th's Joe 20214.
				Patty's Gelsche 17498.

Owned and bred by A. A. Hartshorn, Hamilton, N. Y. Calved October 6, 1899.

Official Butter Record: Dropped calf February 7, 1905, at 5 y. 4 m. 1 d. of age; commenced record February 16, 5 p. m., 1905; closed record February 23, 11 a. m.; 7 days' production 21.520 lbs. butter fat; milk 588.3 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 7, 1905, at 5 y. 4 m. 1 d. of age; commenced record February 16, 1905; closed record March 17; 30 days' production 87.025 lbs. butter fat; milk 2,649.1 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

#### NO. 4145. LILITH PAULINE PIETERTJE HARTOG 69819.

LILITH PAULINE PIETERTJE HARTOG 4145 A. R. O. In 1 y. 9 m. 29 d., 23.110 lbs. fat 14 d.	{	Lilith Pauline De Kol's Count 28430.	{	Pauline Paul 2d's Count 190 A. R.
		Nellie Pietertje Hartog 3020 A. R. O. In 6 y. 25 d., 15.650 lbs. fat.		Lilith Pauline De Kol 1415 A. R. O. In 5 y. 2 m. 18 d., 101.996 lbs. fat 35 d.
				Gold Boy Pietertje 358 A. R.
				Kate Pietertje H. 35168.

Owned and bred by A. A. Hartshorn, Hamilton, N. Y. Calved April 15, 1903.

Official Butter Record: Dropped calf February 14, 1905, at 1 y. 9 m. 29 d. of age; commenced record February 22, 11 p. m., 1905; closed record March 1, 5 p. m.; 7 days' production 11.938 lbs. butter fat; milk 267.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 14, 1905, at 1 y. 9 m. 29 d. of age; commenced record February 22, 11 p. m., 1905; closed record March 8, 5 p. m.; 14 days' production 23.110 lbs. butter fat; milk 571 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.



**NO. 4146. MOLLIE DE KOL PIETERTJE 65909.**

MOLLIE DE KOL PIETERTJE 4146 A. R. O.  
In 2 y. 5 m. 25.452 lbs.  
fat 14 d.

Prince Grant De Kol 25028.

{ Alexander's De Kol 349  
A. R.  
General Grant's Wild Rose  
17431.

{ Mollie's White Head 37782.

{ Gold Coin Pietertje 19920.  
Mollie Pietertje 1620 A. R.  
O. In 7 y. 10 m., 18.909  
lbs. fat.

Owned by A. A. Hartshorn, Hamilton, N. Y. Bred by O. R. Cole, Solsville, N. Y. Calved September 27, 1902.

Official Butter Record: Dropped calf February 27, 1905, at 2 y. 5 m. of age; commenced record March 9, 1905; closed record March 15; 7 days' production 13.271 lbs. butter fat; milk 339.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 27, 1905, at 2 y. 5 m. of age; commenced record March 5, 11 p. m., 1905; closed record March 19, 5 p. m.; 14 days' production 25.452 lbs. butter fat; milk 658.7 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**LILLY BELLE WALKER 3378 A. R. O. 61511.**

LILLY BELLE WALKER  
3378 A. R. O. In 3 y. 2  
m. 6 d., 47.681 lbs. fat  
21 d.

{ Admiral Walker 343 A. R.

{ Capitola Duke 21530.

{ Lillian Walker 2667 A. R.  
O. In 7 y. 6 m. 6 d.,  
71.651 lbs. fat 30 d.

{ Daisy Belle of Lebanon  
53333.

{ Lebanon Pietertje Prince  
314 A. R.  
Annelida Belle 3773 A. R. O.  
In 9 y. 4 m. 13 d., 15.293  
lbs. fat.

Owned by A. A. Hartshorn, Hamilton, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 327.]

Second Official Butter Record: Dropped calf February 22, 1905, at 3 y. 2 m. 6 d. of age; commenced record March 3, 11 p. m., 1905; closed record March 10, 5 p. m.; 7 days' production 16.802 lbs. butter fat; milk 485 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 22, 1905, at 3 y. 2 m. 6 d. of age; commenced record February 28, 11 a. m., 1905; closed record March 14, 5 a. m.; 14 days' production 32.842 lbs. butter fat; milk 954.5 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf February 22, 1905, at 3 y. 2 m. 6 d. of age; commenced record February 28, 11 a. m., 1905; closed record March 21, 5 a. m.; 21 days' production 47.681 lbs. butter fat; milk 1,415.5 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

#### NO. 4147. MILDRED WALKER 66239.

MILDRED WALKER 4147 A. R. O. In 2 y. 3 m. 14 d., 20.995 lbs. fat 14 d.	{	Admiral Walker 343 A. R.	{ Capitola Duke 21530.
		Prilly 3808 A. R. O. In 9 y. 7 m. 25 d., 17.325 lbs. fat.	{ Lillian Walker 2667 A. R. O. In 7 y. 6 m. 6 d., 71.615 lbs. fat 30 d.
			{ Plum 4th's Joe 20214. Patty's Gelsche 17498.

Owned and bred by A. A. Hartshorn, Hamilton, N. Y. Calved September 9, 1902.

Official Butter Record: Dropped calf December 23, 1904, at 2 y. 3 m. 14 d. of age; commenced record February 25, 5 p. m., 1905; closed record March 4, 11 a. m.; 7 days' production 10.919 lbs. butter fat; milk 332.1 lbs.

Official Butter Record. Fourteen consecutive days. Dropped calf December 23, 1904, at 2 y. 3 m. 14 d. of age; commenced record February 18, 11 p. m., 1905; closed record March 4, 5 p. m.; 14 days' production 20.995 lbs. butter fat; milk 648.8 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

#### NO. 4148. PRINCESS CLOTHILDE MECHTHILDE 60306.

PRINCESS CLOTHILDE MECHTHILDE 4148 A. R. O. In 3 y. 2 m. 11 d., 11.427 lbs. fat.	{	Mechthilde Colantha's Sir Abbeckerk 26621.	{ Sir Netherland Abbeckerk 22017.
		Clothilde 7th's Clothilde 33131.	{ Mechthilde Colantha 27850. Thorpe J. 10947. Athene J. 13383.

Owned by George T. McNeil, Theresa, N. Y. Bred by C. H. Warren, Verona, N. Y. Calved December 15, 1901.

Official Butter Record: Dropped calf February 26, 1905, at 3 y. 2 m. 11 d. of age; commenced record March 11, 1905; closed record March 17; 7 days' production 11.427 lbs. butter fat; milk 334.8 lbs.

Attested by W. D. Wheelock, Cornell University Agricultural Experiment Station.

**NO. 4149. CLOTHILDE PEARL DE KOL 2D 66743.**

CLOTHILDE PEARL DE KOL 2d 4149 A. R. O. In 2 y. 4 m., 8.717 lbs. fat.	{	De Kol 2d's Paul De Kol Prince 224 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				Homestead Girl 1653 A. R. O. In 11 y. 5 m. 13 d., 12.529 lbs. fat.
		Clothilde Pearl De Kol 2654 A. R. O. In 3 y. 1 d., 10.420 lbs. fat.		Maplecroft De Kol 275 A. R. Pearl of Savoy 6th 44386.

Owned and bred by George T. McNeil, Theresa, N. Y. Calved October 11, 1902.

Official Butter Record: Dropped calf February 11, 1905, at 2 y. 4 m. of age; commenced record March 11, 1905; closed record March 17; 7 days' production 8.717 lbs. butter fat; milk 307.8 lbs.

Attested by W. D. Wheelock, Cornell University Agricultural Experiment Station.

**NO. 4150. AAGGIE WITKOP INKA 55275.**

AAGGIE WITKOP INKA 4150 A. R. O. In 6 y. 8 m. 11 d., 16.066 lbs. fat.	{	Inka's Pietertje Duke 141 A. R.	{	Milla's Pietertje Netherland 83 A. R.
				Inka 514 A. R. P. In 12 y., 20 lbs. 2 oz. butter by churn.
		Witkop 2d's Susie's Aaggie Leila 19164.		Aaggie Leila's Prince 4419 H. H. B. Witkop 2d's Susie 1441.

Owned by George T. McNeil, Theresa, N. Y. Bred by W. E. Matteson, Pierrepont Manor, N. Y. Calved May 24, 1898.

Official Butter Record: Dropped calf February 5, 1905, at 6 y. 8 m. 11 d. of age; commenced record March 11, 1905; closed record March 17; 7 days' production 16.066 lbs. butter fat; milk 419.4 lbs.

Attested by W. D. Wheelock, Cornell University Agricultural Experiment Station.

**NO. 4151. LADY MILLY MECHTHILDE DE KOL 66313.**

LADY MILLY MECH- THILDE DE KOL 4151 A. R. O. In 3 y. 10 m. 21 d., 13.802 lbs. fat.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
				Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
		Lady Milly Mechthilde 65790.		Jewel Netherland Mechthilde 231 A. R. Ondit Milly Pietertje 53179.

Owned by L. L. Grow, Fort Jackson, N. Y. Bred by E. C. Brill, Poughquag, N. Y. Calved March 29, 1901.

Official Butter Record: Dropped calf February 20, 1905, at 3 y. 10 m. 21 d. of age; commenced record March 11, 1905; closed record March 17; 7 days' production 13.802 lbs. butter fat; milk 427 lbs.

Attested by H. Mason Knox, Cornell University Agricultural Experiment Station.

#### NO. 4152. ROSE BUD DE KOL 53583.

ROSE BUD DE KOL 4152 A. R. O. In 4 y. 9 m. 9 d., 14.617 lbs. fat.	{	De Kol 2d's Butter Boy 2d	{	Empress Josephine 3d's Sir
		304 A. R.		Mechthilde 20255.
				De Kol 2d 412 A. R. O. In
				10 y. 11 m. 3 d., 21.261
				lbs. fat.
	{	Minnie Abbekerk 40504.	{	De Kol Barrington 21413.
				Lady Barrington Mechthilde
				36831.

Owned by L. L. Grow, Fort Jackson, N. Y. Bred by H. A. Medlong, Oswego, N. Y. Calved April 22, 1900.

Official Butter Record: Dropped calf February 1, 1905, at 4 y. 9 m. 9 d. of age; commenced record March 11, 1905; closed record March 17; 7 days' production 14.617 lbs. butter fat; milk 451.8 lbs.

Attested by H. Mason Knox, Cornell University Agricultural Experiment Station.

#### NO. 4153. KOLISTA 61667.

KOLISTA 4153 A. R. O. In 3 y. 4 m. 6 d., 12.813 lbs. fat.	{	Manor De Kol's Empire	{	Manor De Kol 130 A. R.
		24595.		Lady Empress Mechthilde
				41226.
	{	Ianke Boon 39831.	{	Lilith's Shadeland Boon 2d's
				King A. 19823.
				Ianke's Pet 2d 21047.

Owned by L. L. Grow, Fort Jackson, N. Y. Bred by Charles H. Brush, Hopkinton, N. Y. Calved October 16, 1901.

Official Butter Record: Dropped calf February 22, 1905, at 3 y. 4 m. 6 d. of age; commenced record March 10, 1905; closed record March 17; 7 days' production 12.813 lbs. butter fat; milk 419.1 lbs.

Attested by H. Mason Knox, Cornell University Agricultural Experiment Station.

**PIETERTJE MAID MELISSE 1973 A. R. O. 51338.**

<b>PIETERTJE MAID MELISSE 1973 A. R. O.</b> In 5 y. 11 m. 17 d., 16.205 lbs. fat.	{	Judge Akkrum De Kol 172 A. R.	{	De Kol 2d's Netherland 118 A. R.
				Lady Akkrum 2d 9392.
	{	Sjiewuke's Lass' Pietertje Maid 38151.	{	Milla's Pietertje Netherland 83 A. R.
				Sjiewuke's Lass 28600.

Owned by Fred F. Field, Brockton, Mass.

[Entry of additional records. For previous records see Vol. XIII, page 25.]

Description: Age, 6 y. 9 d.; good dairy wedge form; head, good; neck, thin; chine, good, open jointed; loin, spare fleshed, hips broad, well placed; rump, good; escutcheon, good; mammary veins, very large, long; udder, good, well placed, large, front quarters excellent, hind fair; teats, good, well placed; handling, good; secretions of skin, abundant, oily; general appearance, good, well proportioned; height, shoulders 54 inches, hips 52; length, body 69, rump 19; width, hips 21, thurl 18; girth 78; weight, 1,230 lbs.; examiner, Charles H. Files; examined March 27, 1905.

Third Official Butter Record: Dropped calf March 5, 1905, at 5 y. 11 m. 17 d. of age; commenced record March 18, 1905; closed record March 25; 7 days' production 16.205 lbs. butter fat; milk 458.4 lbs.

Attested by Charles H. Filer, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4154. BERYL WAYNE DE KOL HENGERVELD 64459.**

<b>BERYL WAYNE DE KOL HENGERVELD 4154 A. R. O.</b> In 2 y. 5 d., 7.840 lbs. fat.	{	Beryl Wayne's Paul De Kol 306 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				Beryl Wayne 1177 A. R. O. In 8 y. 10 m. 12 d., 22.298 lbs. fat.
	{	De Kol Hengerveld Belle 1975 A. R. O. In 6 y. 7 d., 38.459 lbs. fat 14 d.	{	De Kol 2d's Butter Boy 3d 147 A. R.
				Woodland Princess Belle Colanthus 43817.

Owned by John B. Marcou, Princeton, Mass. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved March 11, 1903.

Description: Age, 2 y. 20 d.; wedge shaped form; head, fine, good width; neck, not long, good width; chine, long, nearly level; loin and hips, narrow; rump, slopes back; escutcheon, fairly wide, running well up; mammary veins, quite prominent; udder, well built, square, quarters all full; teats, very good; handling, gentle; general appearance, good; height, shoulders 51 inches, hips 53; length, body 58.5, rump 20; width, hips 18.5, thurl 12; girth 70; examiner, Frank L. Austin; examined April 1, 1905.

Official Butter Record: Dropped calf March 16, 1905, at 2 y. 5 d. of age; commenced record March 25, 1905; closed record March 31; 7 days' production 7.840 lbs. butter fat; milk 277.5 lbs.

Attested by Frank L. Austin, Hatch (Mass.) Agricultural Experiment Station.



**NO. 4155. POUPET 63466.**

POUPET 4155 A. R. O. In 2 y. 4 m. 21 d., 11.000 lbs. fat.	{	Sir McKinley 27148.	{	Billy McKinley 241 A. R.
				Duchess Martina 37443.
	{	Lady Creamelle De Kol 1773 A. R. O. In 4 y. 7 m. 6 d., 16.275 lbs. fat.	{	America 2d's Wayne Paul De Kol 149 A. R.
				Creamelle 2d's Topsy Ann 1289 A. R. O. In 3 y. 10 m. 28 d. 10.646 lbs. fat.

Owned and bred by John B. Marcou, Princeton, Mass. Calved October 10, 1902.

Description: Age, 2 y. 5 m. 21 d.; wedge shaped form; head, fine; neck, broad, thin; chine, fairly level; loin and hips, not wide or projecting much, good type; rump, fairly long; escutcheon, good, well up; mammary veins, large, extending well forward; udder, fair type, forequarters a little high; teats, good; handling, gentle; general appearance, fairly good; height, shoulders 54 inches, hips 55; length, body 61, rump 20.5; width, hips 20.5, thurl 13; girth 72; examiner, Frank L. Austin; examined April 1, 1905.

Official Butter Record: Dropped calf March 1, 1905, at 2 y. 4 m. 21 d. of age; commenced record March 25, 1905; closed record March 31; 7 days' production 11.000 lbs. butter fat; milk 321.5 lbs.

Attested by Frank L. Austin, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4156. ALONICA 61947.**

ALONICA 4156 A. R. O. In 3 y. 2 m. 1 d., 11.235 lbs. fat.	{	Sir Hengerveld De Kol Mechthilde 27613.	{	Pietertje Hengerveld's Count De Kol 135 A. R.
				Lady Mechthilde Beets 44347.
	{	Albuda 2d 50414.	{	Sir Pauline De Kol 22163.
				Albuda 41176.

Owned by John B. Marcou, Princeton, Mass. Bred by Edward B. Sanford, Warwick, N. Y. Calved January 17, 1902.

Description: Age, 3 y. 2 m. 14 d.; wedge shaped form; head, quite long; neck, good width, thin; chine, long, level; loin and hips, very prominent, well formed; rump, high, nearly level; escutcheon, wide; mammary veins, fairly well developed; udder, squarely built, quarters full developed; teats, short, thick; handling, gentle; general appearance, very good; height, shoulders 52.5 inches, hips 52.5; length, body 61, rump 19; width, hips 21, thurl 13.5; girth 68.5; examiner, Frank L. Austin; examined April 1, 1905.

Official Butter Record: Dropped calf March 18, 1905, at 3 y. 2 m. 1 d. of age; commenced record March 25, 1905; closed record March 31; 7 days' production 11.235 lbs. butter fat; milk 327 lbs.

Attested by Frank L. Austin, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4157. TIRANIA YANKEE 2D 43596.**

TIRANIA YANKEE 2d  
4157 A. R. O. In 8 y. 23  
d., 16.530 lbs. fat.

Prince Rozelle 20355.

Sir Aaggie Aegis 18166.

Hieg's Reinkje 6th 21513.

Tirania Yankee 3392 A. R.  
O. In 10 y. 1 d., 12.919  
lbs. fat.

Sir Tirania Pietertje  
Mechthilde 19755.

Yankee Girl 2d 4354.

Owned and bred by E. S. Robinson, Forestville, N. Y. Calved February 1, 1897.

Official Butter Record: Dropped calf February 24, 1905, at 8 y. 23 d. of age; commenced record March 18, 1905; closed record March 24; 7 days' production 16.530 lbs. butter fat; milk 473.3 lbs.

Attested by W. L. Markham, Cornell University Agricultural Experiment Station.

**NO. 4158. TIRANIA YANKEE DE KOL 50772.**

TIRANIA YANKEE DE  
KOL 4158 A. R. O. In 6  
y. 17 d., 14.784 lbs. fat.

De Kol de Yong 272 A. R.

De Kol 2d's Netherland 118  
A. R.

Jescling de Yong 8774.

Tirania Yankee 2d 4157 A.  
R. O. In 8 y. 23 d., 16.530  
lbs. fat.

Prince Rozelle 20355.

Tirania Yankee 3392 A. R.  
O. In 10 y. 1 d., 12.919  
lbs. fat.

Owned and bred by E. S. Robinson, Forestville, N. Y. Calved February 27, 1899.

Official Butter Record: Dropped calf March 14, 1905, at 6 y. 17 d. of age; commenced record March 20, 1905; closed record March 26; 7 days' production 14.784 lbs. butter fat; milk 344.9 lbs.

Attested by W. L. Markham, Cornell University Agricultural Experiment Station.

**NO. 4159. PEGGY D. 2D 47831.**

PEGGY D. 2d 4159 A. R. O.  
In 7 y. 8 d., 13.644 lbs. fat.

Prince Rozelle 20355.

Sir Aaggie Aegis 18166.

Hieg's Reinkje 6th 21513.

Peggy D. 4353.

Sebert 1257 H.

Domine Lee 6384 H.

Owned and bred by E. S. Robinson, Forestville, N. Y. Calved February 23, 1898.

Official Butter Record: Dropped calf March 1, 1905, at 7 y. 8 d. of age; commenced record March 18, 1905; closed record March 24; 7 days' production 13.644 lbs. butter fat; milk 471.9 lbs.

Attested by W. L. Markham, Cornell University Agricultural Experiment Station.

**TIRANIA YANKEE 3D 3334 A. R. O. 58268.**

TIRANIA YANKEE 3d 3334 A. R. O. In 4 y. 18 d., 15.006 lbs. fat.	{	De Kol de Yong 272 A. R.	{	De Kol 2d's Netherland 118 A. R.
			{	Jescling de Yong 8774.
		Tirania Yankee 3392 A. R. O. In 10 y. 1 d., 12.919 lbs. fat.	{	Sir Tirania Pietertje Mechthilde 19755. Yankee Girl 2d 4354.

Owned by E. S. Robinson, Forestville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 302.]

Second Official Butter Record: Dropped calf February 8, 1905, at 4 y. 18 d. of age; commenced record March 18, 1905; closed record March 24; 7 days' production 15.006 lbs. butter fat; milk 401.7 lbs.

Attested by W. L. Markham, Cornell University Agricultural Experiment Station.

**PRINCESS YANKEE AAGGIE ROSA 3336 A. R. O. 50770.**

PRINCESS YANKEE AAG- GIE ROSA 3336 A. R. O. In 6 y. 1 m. 4 d., 15.164 lbs. fat.	{	De Kol de Yong 272 A. R.	{	De Kol 2d's Netherland 118 A. R.
			{	Jescling de Yong 8774.
		Yankee Aaggie Rosa 3389 A. R. O. In 11 y. 1 m. 12 d., 13.573 lbs. fat.	{	Yankee Prince 18087. Aaggie Rosa Princess 9636.

Owned by E. S. Robinson, Forestville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 303.]

Second Official Butter Record: Dropped calf March 4, 1905, at 6 y. 1 m. 4 d. of age; commenced record March 18, 1905; closed record March 24; 7 days' production 15.164 lbs. butter fat; milk 385.2 lbs.

Attested by W. L. Markham, Cornell University Agricultural Experiment Station.

**MINNIE HARK 3338 A. R. O. 58274.**

MINNIE HARK 3338 A. R. O. In 3 y. 11 m. 7 d., 19.359 lbs. fat.	{	Prince Aaggie Rosa De Kol 26362.	{	De Kol de Yong 272 A. R. Aaggie Rosa Princess 9636.
		Hark 2d 41620.	{	Sir Tirania Pietertje Mechthilde 19755. Hark 4284 A. R. O. In 18 y. 10 m. 21 d., 13.611 lbs. fat.

Owned by E. S. Robinson, Forestville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 303.]

Second Official Butter Record: Dropped calf February 24, 1905, at 3 y. 11 m. 7 d. of age; commenced record March 18, 1905; closed record March 24; 7 days' production 19.359 lbs. butter fat; milk 450.4 lbs.

Attested by W. L. Markham, Cornell University Agricultural Experiment Station.

#### NO. 4160. NIGGER GIRL DE KOL 68202.

<b>NIGGER GIRL DE KOL</b> 4160 A. R. O. In 1 y. 11 m. 28 d., 9.629 lbs. fat.	{ Zanca De Kol's Count 27053.	{ Pauline Paul 2d's Count 190 A. R.
		{ Zanca De Kol 1418 A. R. O. In 6 y. 4 m. 15 d., 18.508 lbs. fat.
	{ Tirania Yankee De Kol 4158 A. R. O. In 6 y. 17 d., 14.784 lbs. fat.	{ De Kol de Yong 272 A. R.
		{ Tirania Yankee 2d 4157 A. R. O. In 8 y. 23 d., 16.530 lbs. fat.

Owned and bred by E. S. Robinson, Forestville, N. Y. Calved March 11, 1903.

Official Butter Record: Dropped calf March 9, 1905, at 1 y. 11 m. 28 d. of age; commenced record March 18, 1905; closed record March 24; 7 days' production 9.629 lbs. butter fat; milk 250.5 lbs.

Attested by W. L. Markham, Cornell University Agricultural Experiment Station.

#### NO. 4161. MOLLY CORONA 66992.

<b>MOLLY CORONA 4161 A.</b> R. O. In 1 y. 10 m. 18 d., 8.270 lbs. fat.	{ Nelson De Kol Duke 29522.	{ De Kol 2d's Paul De Kol Beauty 25461.
		{ La Polka's Lady 25104.
	{ Corona 3d's Lady 59666.	{ Corona's Duke 390 W.
		{ Corona 3d 13405.

Owned by Tibbits & Buck, Canastota, N. Y. Bred by C. C. Baldwin, Clockville, N. Y. Calved April 10, 1903.

Official Butter Record: Dropped calf February 28, 1905, at 1 y. 10 m. 18 d. of age; commenced record March 17, 9.30 p. m., 1905; closed record March 24, 1.30 p. m.; 7 days' production 8.270 lbs. butter fat; milk 232.3 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NO. 4162. VICTORIA EMPRESS BONNIE BELL 66991.**

VICTORIA EMPRESS BONNIE BELL 4162 A. R. O. In 1 y. 9 m. 2 d., 8.642 lbs. fat.	{	Nelson De Kol Duke 29522.	{	De Kol 2d's Paul De Kol Beauty 25461.
			{	La Polka's Lady 25104.
	{	Victoria Empress 63203.	{	Lynden Beauty 391 W. Joan of Arc's Empress 4th 63202.

Owned by Tibbits & Buck, Canastota, N. Y. Bred by C. C. Baldwin, Clockville, N. Y. Calved June 2, 1903.

Official Butter Record: Dropped calf March 4, 1905, at 1 y. 9 m. 2 d. of age; commenced record March 17, 9.30 p. m., 1905; closed record March 24, 1.30 p. m.; 7 days' production 8.642 lbs. butter fat; milk 267.1 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NO. 4163. NORMA CLOTHILDE ONYX 63205.**

NORMA CLOTHILDE ONYX 4163 A. R. O. In 6 y. 11 m. 19 d., 12.175 lbs. fat.	{	Onyx Clothilde 345 A. R.	{	Clothilde Monk 19202.
			{	Onyx 2d 19799.
	{	Joan of Arc's Empress 4th 63202.	{	Joy 2d's Oudit 4298. Joan of Arc's Empress 8066 H.

Owned by Tibbits & Buck, Canastota, N. Y. Bred by C. C. Baldwin, Clockville, N. Y. Calved March 6, 1898.

Official Butter Record: Dropped calf February 25, 1905, at 6 y. 11 m. 19 d. of age; commenced record March 17, 9.30 p. m., 1905; closed record March 24, 1.30 p. m.; 7 days' production 12.175 lbs. butter fat; milk 409.6 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NO. 4164. DE KOL ALBIRCE 68560.**

DE KOL ALBIRCE 4164 A. R. O. In 1 y. 11 m. 6 d., 9.148 lbs. fat.	{	Prince De Kol Paul 290 A. R.	{	Netherland De Kol's Perfection 223 A. R.
			{	Princess Zozo 21085.
	{	Albirce 3d 40253.	{	Cuza's Pietertjé Prince 289 A. R. Albirce 1280 D. F.

Owned and bred by O. J. Godfrey, Pennellville, N. Y. Calved March 15, 1903.

Official Butter Record: Dropped calf February 21, 1905, at 1 y. 11 m. 6 d. of age; commenced record March 11, 6 a. m., 1905; closed record March 17, 12 p. m.; 7 days' production 9.148 lbs. butter fat; milk 263 lbs.

Attested by Archie Stone, Cornell University Agricultural Experiment Station.



**NO. 4165. OLIVET MERCEDES 61557.**

OLIVET MERCEDES 4165 A. R. O. In 6 y. 3 m. 7 d., 12.192 lbs. fat.	{	R. B. Mercedes 230 A. R.	{	Antje Vriend's Mercedes Prince 88 A. R.
		Olivet 2d's Beauty 32291.		Rowena B. 1075 A. R. P. In 8 y. 11 m. 10 d., 24 lbs. 8 oz. butter by churn.
			{	Princess Leo's Carlo 16351.
			{	Olivet 2d 19541.

Owned and bred by O. J. Godfrey, Pennellville, N. Y. Calved November 9, 1898.

Official Butter Record: Dropped calf February 16, 1905, at 6 y. 3 m. 7 d. of age; commenced record March 9, 6 a. m., 1905; closed record March 15, 12 p. m.; 7 days' production 12.192 lbs. butter fat; milk 406.5 lbs.

Attested by Archie Stone, Cornell University Agricultural Experiment Station.

**NO. 4166. DICHTER ALEMENA DE KOL 68526.**

DICHTER ALEMENA DE KOL 4166 A. R. O. In 1 y. 11 m. 21 d., 8.889 lbs. fat.	{	Prince De Kol Paul 290 A. R.	{	Netherland De Kol's Perfection 223 A. R.
		Dichter's Alemena 2933 A. R. O. In 8 y. 11 m. 27 d., 15.335 lbs. fat.		Princess Zozo 21085.
			{	Cuza's Pietertje Prince 289 A. R.
			{	Dichter 13415.

Owned and bred by O. J. Godfrey, Pennellville, N. Y. Calved March 5, 1903.

Official Butter Record: Dropped calf February 26, 1905, at 1 y. 11 m. 21 d. of age; commenced record March 8, 12 p. m., 1905; closed record March 15, 6 p. m.; 7 days' production 8.889 lbs. butter fat; milk 274.8 lbs.

Attested by Archie Stone, Cornell University Agricultural Experiment Station.

**NO. 4167. COLANTHA MECHTHILDE 68738.**

COLANTHA MECHTHIL- DE 4167 A. R. O. In 1 y. 9 m. 26 d., 16.316 lbs. fat 14 d.	{	Paul Colantha 2d 26933.	{	Paul Colantha 225 A. R.
		Parthena Tirania Mechthilde 3383 A. R. O. In 3 y. 6 m., 13.617 lbs. fat.		Duchess Clothilde 1208 A. R. O. In 9 y. 6 m. 21 d., 18.424 lbs. fat.
			{	Mechthilde Sir Tirania 344 A. R.
			{	Barbara L. 2d 52737.

Owned by L. G. Legler, Juda, Wis. Bred by John Legler & Son, Juda, Wis. Calved May 12, 1903.

Description: Age, 1 y. 10 m. 24 d.; milk and beef form; head, proportionate, symmetrical; neck, fine, medium length; chine, even, fairly broad, fairly open vertebrae; loin and hips, strong, slightly rounded; rump, high, slightly uneven; escutcheon, medium size, fine; mammary veins, medium length, large; udder,

fairly capacious, flexible, quarters slightly uneven; teats, good; handling, fair; secretions of skin, moderately abundant, moderately oily; general appearance, vigorous, good, good style; height, shoulders, 52.5 inches, hips 54.5; length, body 60.25, rump 18.25; width, hips 20.5, thurl 18.75; girth 72; weight, 1,025 lbs. Est. examiner, W. E. Markey; examined April 6, 1905.

Official Butter Record: Dropped calf March 8, 1905, at 1 y. 9 m. 26 d. of age; commenced record March 25, 1905; closed record April 1; 7 days' production 8.251 lbs. butter fat; milk 318.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 8, 1905, at 1 y. 9 m. 26 d. of age; commenced record March 18, 1905; closed record April 1; 14 days' production 16.316 lbs. butter fat; milk 639.5 lbs.

Attested by W. E. Markey, Wisconsin Agricultural Experiment Station.

#### NO. 4168. TIETJE MERCEDES TIRANIA 58923.

TIETJE MERCEDES TIR- ANIA 4168 A. R. O. In 5 y. 10 m. 1 d., 26.148 lbs. fat 14 d.	{	Mechthilde Sir Tirania 344	{ Sir Castine Mechthilde 20246.
		A. R.	{ Princess Artis Mechthilde 31476.
	{	Lady Tietje Mercedes 4169	{ Antje Vriend's Mercedes
		A. R. O. In 9 y. 11 m. 10 d., 12.348 lbs. fat.	{ Prince 88 A. R.
			{ Lady Tietje 25423.

Owned by L. G. Legler, Juda, Wis. Bred by John Legler & Son, Juda, Wis. Calved April 10, 1899.

Description: Age, 5 y. 10 m. 29 d.; dairy form; head, proportionate, symmetrical; neck, long, fine; chine, straight, prominent, open vertebrae; loin and hips, long, wide, nearly level; rump, moderately high, wide; escutcheon, good; mammary veins, long, large, crooked; udder, symmetrical, moderately capacious, quarters nearly even; teats, very good; handling, superior; secretions of skin, yellow, oily; general appearance, healthy, vigorous; height, shoulders 52 inches, hips 54; length, body 64, rump 20.5; width, hips 22, thurl 19.5; girth 73.25; weight, 1,180 lbs. Est.; examiner, O. J. Hanzlik; examined March 9, 1905.

Official Butter Record: Dropped calf February 11, 1905, at 5 y. 10 m. 1 d. of age; commenced record March 8, 1905; closed record March 14; 7 days' production 13.345 lbs. butter fat; milk 390.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 11, 1905, at 5 y. 10 m. 1 d. of age; commenced record March 4, 1905; closed record March 17; 14 days' production 26.148 lbs. butter fat; milk 790.5 lbs.

Attested by O. J. Hanzlik and W. E. Markey, Wisconsin Agricultural Experiment Station.

**NO. 4169. LADY TIETJE MERCEDES 38791.**

LADY TIETJE MERCEDES 4169 A. R. O. In 9 y. 11 m. 10 d., 12.348 lbs. fat.	{	Antje Vriend's Mercedes Prince 88 A. R.	{	Mercedes Prince 12 A. R.
		-		Antje Vriend 378 A. R. P. In 10 y. 11 m. 25 d., 15 lbs. 2 oz. butter by churn.
		Lady Tietje 25423.		{ Tietje 2d's Mercedes Prince 5542.
				Gretch 3652 H.

Owned by L. G. Legler, Juda, Wis. Bred by F. P. Cross, Durand, Ill. Calved March 10, 1895.

Description: Age, 10 y. 21 d.; milk and beef form; head, proportionate, very symmetrical; neck, medium, slightly drooping; chine, slightly uneven, broad, fairly open vertebræ; loin and hips, very strong, level; rump, fairly high, level; escutcheon, large, fine; mammary veins, medium length, fair size; udder, capacious, fairly flexible, quarters even; teats, perfect; handling, fair; secretions of skin, fairly abundant, moderately oily; general appearance, very vigorous, fine, stylish; height, shoulders 55 inches, hips 55; length, body 66, rump 19.5; width, hips 21.5, thurl 21; girth 76; weight, 1,425 lbs. Est.; examiner, W. E. Markey; examined March 31, 1905.

Official Butter Record: Dropped calf February 20, 1905, at 9 y. 11 m. 10 d. of age; commenced record March 16, 1905; closed record March 22; 7 days' production 12.348 lbs. butter fat; milk 354.7 lbs.

Attested by W. E. Markey, Wisconsin Agricultural Experiment Station.

**TIRANIA VICKERY MECHTHILDE 3469 A. R. O. 69649.**

TIRANIA VICKERY MECHTHILDE 3469 A. R. O. In 4 y. 11 m. 5 d., 26.436 lbs. fat 14 d.	{	Mechthilde Sir Tirania 344 A. R.	{	Sir Castine Mechthilde 20246.
		-		Princess Artis Mechthilde 31476.
		Vickery 2d's Netherland Maid 42165.		{ Essay's Neeta Netherland's Nierop 20706.
				Vickery 2d 275.

Owned by L. G. Legler, Juda, Wis.

[Entry of additional records. For previous records see Vol. XV, page 382.]

Second Official Butter Record: Dropped calf March 14, 1905, at 4 y. 11 m. 5 d. of age; commenced record March 31, 1905; closed record April 6; 7 days' production 13.518 lbs. butter fat; milk 427 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 14, 1905, at 4 y. 11 m. 5 d. of age; commenced record March 24, 1905; closed record April 6; 14 days' production 26.436 lbs. butter fat; milk 826.9 lbs.

Attested by W. E. Markey, Wisconsin Agricultural Experiment Station.

**NO. 4170. BARBARA PAULINE AMERICA 63780.**

BARBARA PAULINE AMERICA 4170. In 3 y. 8 m. 20 d., 13.386 lbs. fat.	{	Paul De Kol 3d's America 303 A. R.	{	Paul De Kol 3d 126 A. R.
				America 2d's Pauline De Kol 1227 A. R. In 3 y. 5 m. 15 d., 15.903 lbs. fat.
		Barbara L. 2d 52737.	{	Aurora's Partheneas 23343. Barbara L. 3042.

Owned by L. G. Legler, Juda, Wis. Bred by John Legler & Son, Juda, Wis.  
Calved July 1, 1901.

Description: Age, 3 y. 9 m. 5 d.; milk and beef form; head, proportionate, symmetrical; neck, fine, medium length, slightly drooping; chine, slightly uneven, single, fairly open vertebræ; loin and hips, strong, slightly rounded; rump, very high, even; escutcheon, large, fine; mammary veins, short, very large, very crooked; udder, capacious, very flexible, quarters slightly uneven; handling, good, skin a little tight; secretions of skin, fairly abundant, fairly oily; general appearance, vigorous, fine, very good style; height, shoulders 52.75 inches, hips 53.75; length, body 64.5, rump 19; width, hips 21.25, thurl 19; girth 73.75; weight, 1,150 lbs. Est.; examiner, W. E. Markey; examined April 6, 1905.

Official Butter Record: Dropped calf March 21, 1905, at 3 y. 8 m. 20 d. of age; commenced record March 30, 1905; closed record April 5; 7 days' production 13.386 lbs. butter fat; milk 398.3 lbs.

Attested by W. E. Markey, Wisconsin Agricultural Experiment Station.

**NO. 4171. OTTIE LYONS HENGERVERELD 58452.**

OTTIE LYONS HENGERVERELD 4171 A. R. O. In 3 y. 4 m. 11 d., 10.170 lbs. fat.	{	Brookside Hengerveld Paul 26029.	{	Mutual Friend 3d's Paul 148 A. R.
				Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.
		Ottie Lyons Fay 41735.	{	Lady of Lyons 6th's Monk 21329. Ottie Bawn 33805.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by Estate of Henry Wisler, Columbia, Pa. Calved August 23, 1901.

Official Butter Record: Dropped calf January 4, 1905, at 3 y. 4 m. 11 d. of age; commenced record January 14, 5 p. m., 1905; closed record January 21, 11 a. m.; 7 days' production 10.170 lbs. butter fat; milk 324.7 lbs.

Attested by D. J. Hollis, Cornell University Agricultural Experiment Station.

**NO. 4172. NETHERLAND LA POLKA QUEEN 2D 52160.**

NETHERLAND LA POLKA QUEEN 2d 4172 A. R. O. In 6 y. 9 m., 13.743 lbs. fat.	{ Shadeland Boon Perfection 23143. { Boon's Emperor King 21691. Pietertje Beauty Veeman 34992. Netherland La Polka Queen 44645. { Netherland Statesman's Ideal 20521. Bessie La Polka Queen 43936.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by George H. Ensign, Nelson, N. Y. Calved April 7, 1898.

Official Butter Record: Dropped calf January 7, 1905, at 6 y. 9 m. of age; commenced record January 20, 11 a. m., 1905; closed record January 27, 5 a. m.; 7 days' production 13.743 lbs. butter fat; milk 437.5 lbs.

Attested by D. J. Hollis, Cornell University Agricultural Experiment Station.

**NO. 4173. A. L. P. N. DE KOL 2D 53458.**

A. L. P. N. DE KOL, 2d 4173 A. R. O. In 4 y. 8 m. 16 d., 51.951 lbs. fat 30 d.	{ De Kol 2d's Butter Boy 3d 147 A. R. { Manor De Kol 130 A. R. De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat. A. L. P. N. De Kol 46213. { Paul Beets De Kol 113 A. R. Aaggie Lily's Pietertje Neth- erland 1616 A. R. O. In 8 y. 6 m., 16.150 lbs. fat.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved March 13, 1900.

Official Butter Record: Dropped calf November 29, 1904, at 4 y. 8 m. 16 d. of age; commenced record January 5, 1905; closed record January 11; 7 days' production 13.124 lbs. butter fat; milk 375.3 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf November 29, 1904, at 4 y. 8 m. 16 d. of age; commenced record December 18, 1904; closed record January 16, 1905; 30 days' production 51.951 lbs. butter fat; milk 1,503.2 lbs.

Attested by D. J. Hollis, Cornell University Agricultural Experiment Station.

**NO. 4174. HELENA BURKE DE KOL 2d 40645.**

HELENA BURKE DE KOL 2d 4174 A. R. O. In 8 y. 8 m. 17 d., 15.758 lbs. fat.	{ Sir Abbekerk Inka Mechthilde 21145. { Sir Abbekerk 19056. Inka Pietertje Mechthilde 1145 A. R. O. In 2 y. 11 m. 23 d., 11.348 lbs. fat. Helena Burke De Kol 3314 A. R. O. In 9 y. 8 m. 9 d., 72.198 lbs. fat 30 d. { De Kol 2d's Netherland 118 A. R. Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.



Owned by Henry Stevens & Son, Lacona, N. Y. Bred by Henry Wisler, Columbia, Pa. Calved April 28, 1896.

Official Butter Record: Dropped calf January 15, 1905, at 8 y. 8 m. 17 d. of age; commenced record January 28, 5 p. m., 1905; closed record February 4, 11 a. m.; 7 days' production 15.758 lbs. butter fat; milk 424.9 lbs.

Attested by D. J. Hollis, Cornell University Agricultural Experiment Station.

#### NO. 4175. HELENA BURKE DE KOL 4TH 48850.

HELENA BURKE DE KOL 4th 4175 A. R. O. In 6 y. 22 d., 15.631 lbs. fat.	{	Aaggie Hopeful Columbia Boy 22599.	{	Carl Henry's Beatitude's Sir Henry 20262.
				Aaggie Hopeful's Parthenea 34463.
	{	Helena Burke De Kol 3314 A. R. O. In 9 y. 8 m. 9 d., 72.198 lbs. fat 30 d.	{	De Kol 2d's Netherland 118 A. R.
				Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by Estate of Henry Wisler, Columbia, Pa. Calved December 17, 1898.

Official Butter Record: Dropped calf January 9, 1905, at 6 y. 22 d. of age; commenced record February 4, 11 a. m., 1905; closed record February 11, 5 a. m.; 7 days' production 15.631 lbs. butter fat; milk 439.7 lbs.

Attested by D. J. Hollis, Cornell University Agricultural Experiment Station.

#### NO. 4176. KIATTA PIETERTJE DE KOL 75942.

KIATTA PIETERTJE DE KOL 4176 A. R. O. In 1 y. 9 m. 23 d., 7.606 lbs. fat.	{	Prince De Kol Paul 290 A. R.	{	Netherland De Kol's Perfection 223 A. R.
				Princess Zozo 21085.
	{	Kiatta's Pietertje 3377 A. R. O. In 7 y. 11 m. 14 d., 12.842 lbs. fat.	{	Cuza's Pietertje Prince 289 A. R.
				Kiatta 1310 D. F.

Owned and bred by O. J. Godfrey, Pennellville, N. Y. Calved April 16, 1903.

Official Butter Record: Dropped calf February 9, 1905, at 1 y. 9 m. 23 d. of age; commenced record March 7, 6 p. m., 1905; closed record March 14, 12 m.; 7 days' production 7.606 lbs. butter fat; milk 269.6 lbs.

Attested by Archie Stone, Cornell University Agricultural Experiment Station.

**NO. 4177. MADRIGAL CARMEN MERCEDES 72131.**

MADRIGAL CARMEN MERCEDES 4177 A. R. O. In 2 y. 9 m. 22 d., 11.697 lbs. fat.	{	Paul De Kol 3d's America 303 A. R.	{	Paul De Kol 3d 126 A. R.
		Carmen Mercedes Netherland 45149.		America 2d's Pauline De Kol 1227 A. R. O. In 3 y. 5 m. 15 d., 15.903 lbs. fat.
			{	Aaggie Netherland Duke 21418.
			{	Carmen's Mercedes Pet 44702.

Owned by L. G. Legler, Juda, Wis. Bred by John Legler & Son, Juda, Wis.  
Calved May 14, 1902.

Description: Age, 2 y. 10 m. 17 d.; milk and beef form; head, large, coarse, meaty; neck, very heavy, short, straight; chine, slightly uneven, prominent, fairly open vertebræ; loin and hips, strong, rounded; rump, slightly uneven, pelvic arch very high; escutcheon, very large, very fine; mammary veins, medium length, fair size; udder, capacious, flexible, quarters slightly uneven; teats, nearly perfect; handling, good; secretions of skin, fairly abundant, oily; general appearance, healthy, vigorous, good; height, shoulders 53.75 inches, hips 55.25; length, body 63, rump 19; width, hips 22, thurl 19.25; girth 76; weight, 1,150 lbs. Est.; examiner, W. E. Markey; examined March 31, 1905.

Official Butter Record: Dropped calf March 6, 1905, at 2 y. 9 m. 22 d. of age; commenced record March 19, 1905; closed record March 25; 7 days' production 11.697 lbs. butter fat; milk 332 lbs.

Attested by W. E. Markey, Wisconsin Agricultural Experiment Station.

**NO. 4178. CRADOCK MAID 69243.**

CRADOCK MAID 4178 A. R. O. In 1 y. 10 m. 28 d., 41.754 lbs. fat 30 d.	{	Homestead Crown Prince De Kol 25865.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
		Homestead Cradock De Kol 1999 A. R. O. In 3 y. 9 m. 23 d., 66.305 lbs. fat 30 d.		Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.
			{	Pietertje Hengerveld's Paul De Kol 109 A. R.
			{	Cradock De Kol 1568 A. R. O. In 3 y. 6 m. 26 d., 11.381 lbs. fat.

Owned and bred by W. A. Matteson, Utica, N. Y. Calved March 11, 1903.

Official Butter Record: Dropped calf February 9, 1905, at 1 y. 10 m. 28 d. of age; commenced record February 18, 5 p. m., 1905; closed record February 25, 11 a. m.; 7 days' production 10.238 lbs. butter fat; milk 282.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 9, 1905, at 1 y. 10 m. 28 d. of age; commenced record February 17, 11 p. m., 1905; closed record March 19, 5 p. m.; 30 days' production 41.754 lbs. butter fat; milk 1,322.8 lbs.

Attested by C. C. Cole and Mark B. Bacon, Cornell University Agricultural Experiment Station.

**TERRY DE KOL 2412 A. R. O. 52344.**

TERRY DE KOL 2412 A. R. O. In 5 y. 5 d., 68.602 lbs. fat 30 d.	{	De Kol 2d's Paul De Kol 107 A. R.	{ Paul De Kol 97 A. R.
			{ De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Anna Terry 3d 37775.	{ Yanko C.'s Harvey Wood 18313. Anna Terry 9203.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 267, Vol. XV, page 314.]

Third Official Butter Record: Dropped calf February 17, 1905, at 5 y. 5 d. of age; commenced record February 24, 1905; closed record March 2; 7 days' production 18.779 lbs. butter fat; milk 484 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 17, 1905, at 5 y. 5 d. of age; commenced record February 24, 1905; closed record March 25; 30 days' production 68.602 lbs. butter fat; milk 2,021.3 lbs.

Attested by C. C. Cole and Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 4179. AAGGIE VALE 68770.**

AAGGIE VALE 4179 A. R. O. In 1 y. 11 m. 23 d., 8.705 lbs. fat.	{	Paul De Kol Jr. 346 A. R.	{ Paul De Kol 97 A. R.
			{ Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 24 d., 176.420 lbs. fat 60 d.
		Homestead Aaggie De Kol 2834 A. R. O. In 4 y. 1 m. 14 d., 17.943 lbs. fat.	{ Pietertje Hengerveld's Paul De Kol 109 A. R. { Belle of Schillaard 3d's Aag- gie 1354 A. R. O. In 3 y. 11 m. 19 d., 10.648 lbs. fat.

Owned and bred by W. A. Matteson, Utica, N. Y. Calved February 23, 1903.

Official Butter Record: Dropped calf February 16, 1905, at 1 y. 11 m. 23 d. of age; commenced record March 4, 5 p. m., 1905; closed record March 11, 11 a. m.; 7 days' production 8.705 lbs. butter fat; milk 262.6 lbs.

Attested by C. C. Cole and Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 4180. PONTIAC EUNOMIA 65754.**

PONTIAC EUNOMIA 4180 A. R. O. In 2 y. 5 m. 3 d., 9.890 lbs. fat.	{	Pontiac Pauline Paul 178 A. R.	{ Pauline Paul's De Kol 180 A. R. { Bessie De Vries 3d 40945.
		Pontiac Order 3060 A. R. O. In 4 y. 4 m. 15 d., 15.836 lbs. fat.	{ Hengerveld De Kol 136 A. R. { Pontiac Clymene Mechthilde 44454.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved August 31, 1902.

Official Butter Record: Dropped calf February 4, 1905, at 2 y. 5 m. 3 d. of age; commenced record April 1, 1905; closed record April 7; 7 days' production 9.890 lbs. butter fat; milk 274.9 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

#### NO. 4181. PONTIAC CORONIS 61104.

PONTIAC CORONIS 4181 A. R. O. In 3 y. 3 m. 10 d., 10.461 lbs. fat.	Hengerveld De Kol 136 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Pontiac Hesseltje Mechthilde 2124 A. R. O. In 6 y. 11 m. 9 d., 13.715 lbs. fat.	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.  Sir Inka Artis Mechthilde 191 A. R. Aspasia Hesseltje 39350.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved October 21, 1901.

Official Butter Record: Dropped calf January 31, 1905, at 3 y. 3 m. 10 d. of age; commenced record April 1, 1905; closed record April 7; 7 days' production 10.461 lbs. butter fat; milk 270.8 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

#### NO. 4182. ALMEDA PRINCESS DE KOL 60002.

ALMEDA PRINCESS DE KOL 4182 A. R. O. In 5 y. 5 m. 2 d., 14.028 lbs. fat.	Netherland De Kol Pietertje 267 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Anna Princess 26594.	Netherland Pietertje Hartog 1181 A. R. O. In 4 y. 1 m. 14 d., 10.972 lbs. fat.  Aconeth's Prince 12431. Anna Posch 2d 10188 H.

Owned by Eastern Michigan Asylum, Pontiac, Mich. Bred by Judson Philipps, Howell, Mich. Calved September 22, 1899.

Official Butter Record: Dropped calf February 24, 1905, at 5 y. 5 m. 2 d. of age; commenced record April 1, 1905; closed record April 7; 7 days' production 14.028 lbs. butter fat; milk 389 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NO. 4183. PONTIAC TRIJNTJE 65768.**

PONTIAC TRIJNTJE 4183 A. R. O. In 2 y. 4 m. 10 d., 12.277 lbs. fat.	Pontiac Pauline Paul 178 A. R.	Pauline Paul's De Kol 180 A. R.
	Freerkje Brace 2217 A. R. O. In 8 y. 2 m. 29 d., 14.693 lbs. fat.	Bessie De Vries 3d 40945.  Billy Brace Junior 23105. Bakker's Freerkje 951 D. F.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved November 15, 1902.

Official Butter Record: Dropped calf March 25, 1905, at 2 y. 4 m. 10 d. of age; commenced record April 1, 1905; closed record April 7; 7 days' production 12.277 lbs. butter fat; milk 317.1 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NO. 4184. TRIX MERCEDES DE KOL 59850.**

✓ TRIX MERCEDES DE KOL 4184 A. R. O. In 5 y. 4 m. 13 d., 14.140 lbs. fat.	Netherland De Kol Pietertje 267 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Trix 2d's Mercedes Tritomia 1359 W.	Netherland Pietertje Hartog 1181 A. R. O. In 4 y. 1 m. 14 d., 10.972 lbs. fat.  Tritomia Mercedes Clifden 5th 597 W. Trix 2d 1358 W.

Owned by Eastern Michigan Asylum, Pontiac, Mich. Bred by Frank R. Crandal, Howell, Mich. Calved October 2, 1899.

Official Butter Record: Dropped calf February 15, 1905, at 5 y. 4 m. 13 d. of age; commenced record April 3, 1905; closed record April 9; 7 days' production 14.140 lbs. butter fat; milk 381.1 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**PONTIAC ASTERIA 3107 A. R. O. 56964.**

✓ PONTIAC ASTERIA 3107 A. R. O. In 3 y. 8 m. 16 d., 10.958 lbs. fat.	Hengerveld De Kol 136 A. R.	De Kol 2d's Butter Boy 129 A. R.
	Pontiac Lachesis 2318 A. R. P. In 2 y. 2 m. 29 d., 8,973 lbs. milk 1 y.	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.  Sir Inka Artis Mechthilde 191 A. R. Terra 1471 A. R. P. In 2 y. 23 d., 7,239 lbs. milk 1 y.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XV, page 168.]

Second Official Butter Record: Dropped calf December 17, 1904, at 3 y. 8 m. 16 d. of age; commenced record April 3, 1905; closed record April 9; 7 days' production 10.958 lbs. butter fat; milk 304.5 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.



**HESEL TJE 3D 1275 A. R. O. 32787.**

HESEL TJE 3d 1275 A. R. O. In 12 y. 26 d., 12.641 lbs. fat.	Judge Moore 18894.	Norm Ellis 4663.
		Maggie Moore 10175.
	Hesseltje 963 D. F.	

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. VIII, page 683.]

Official Butter Record: Dropped calf March 19, 1905, at 12 y. 26 d. of age; commenced record March 31, 1905; closed record April 7; 7 days' production 12.641 lbs. butter fat; milk 373.2 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**PONTIAC MECHTHILDE 2066 A. R. O. 49487.**

PONTIAC MECHTHILDE 2066 A. R. O. In 6 y. 11 m. 29 d., 16.904 lbs. fat.	Mechthilde's Sir Henry of Maplewood 201 A. R.	Sir Henry of Maplewood 2933 H.
		Mechthilde 6718 H.
	Grilla's Echo 1218 A. R. O. In 5 y. 2 m. 20 d., 14.765 lbs. fat.	Captain's Lord 5154. Grilla 4865 H.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XIII, page 72, Vol. XV, page 30.]

Third Official Butter Record: Dropped calf March 3, 1905, at 8 y. 10 m. 1 d. of age; commenced record April 1, 1905; closed record April 7; 7 days' production 15.632 lbs. butter fat; milk 393.1 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**PONTIAC PARTHENEIA 2320 A. R. O. 47770.**

PONTIAC PARTHENEIA 2320 A. R. O. In 6 y. 4 m. 9 d., 18.085 lbs. fat.	Sir Inka Artis Mechthilde 191 A. R.	Yankee Annan Sir J. Echo Mechthilde 18924.
		Inka Darkness 2d's Artis 24636.
	Netherland Triumph 3d 39530.	Sir Partheneia Mechthilde No. 2 19668. Netherland Triumph 1041 A. R. P. In 5 y. 7 m. 25 d., 17 lbs. 4 oz. butter by churn.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XIII, page 215, Vol. XV, page 28.]\*

Second Official Butter Record: Dropped calf March 27, 1905, at 6 y. 4 m. 9 d. of age; commenced record April 3, 1905; closed record April 9; 7 days' production 18.085 lbs. butter fat; milk 421.8 lbs. butter.

Food Consumed: 10 lbs. bran, 6 lbs. gluten feed, 6 lbs. linseed meal, 3 lbs. cracked corn and 3 lbs. cotton seed meal daily.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**PONTIAC ATROPOS 2319 A. R. O. 47777.**

<b>PONTIAC ATROPOS 2319</b> A. R. O. In 6 y. 1 m. 28 d., 18.136 lbs. fat.	{ Sir Inka Artis Mechthilde 191 A. R.  Belle of Troy 38618.	{ Yankee Annan Sir J. Echo Mechthilde 18924. Inka Darkness 2d's Artis 24636.
		{ Kaastra's Duke 5890. Purity 2503.

Owned by Eastern Michigan Asylum, Pontiac, Mich.

[Entry of additional records. For previous records see Vol. XIII, page 215, Vol. XV, page 29.]

Second Official Butter Record: Dropped calf March 16, 1905, at 6 y. 1 m. 28 d. of age; commenced record April 1, 1905; closed record April 7; 7 days' production 18.136 lbs. butter fat; milk 479.4 lbs.

Food Consumed: 12 lbs. bran, 6 lbs. gluten feed, 5 lbs. linseed meal, 4 lbs. cracked corn, 3 lbs. cotton seed meal and all she would eat of mixed hay, corn ensilage and roots daily.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NO. 4185. PONTIAC PIETERTJE 56969.**

<b>PONTIAC PIETERTJE</b> 4185 A. R. O. In 3 y. 7 m. 13 d., 11.278 lbs. fat.	{ Hengerveld De Kol 136 A. R.  Pontiac Pietertje Mechthilde 1870 A. R. P. In 2 y. 4 m. 24 d., 7,734 lbs. milk 10 m.	{ De Kol 2d's Butter Boy 129 A. R. Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
		{ Sir Inka Artis Mechthilde 191 A. R. Lady Akkrum's Pietertje 30667.

Owned and bred by Eastern Michigan Asylum, Pontiac, Mich. Calved May 15, 1901.

Official Butter Record: Dropped calf December 28, 1904, at 3 y. 7 m. 13 d. of age; commenced record April 3, 1905; closed record April 9; 7 days' production 11.278 lbs. butter fat; milk 280 lbs.

Attested by William C. Peck, Michigan Agricultural Experiment Station.

**NETHERLAND JOHANNA DE KOL 2D 3452 A. R. O. 61871.**

NETHERLAND JOHANNA DE KOL, 2d 3452 A. R. O. In 3 y. 4 m. 7 d., 16.117 lbs. fat.	{	Sir Johanna De Kol 262 A. R.	{	Sir Johanna 23446.  Johanna De Kol 2d 1447 A. R. O. In 4 y. 10 m. 11 d., 19.229 lbs. fat.
		Netherland Johanna De Kol 2177 A. R. O. In 3 y. 2 m. 22 d., 14.495 lbs. fat.		Johanna Rue 2d's Paul De Kol 187 A. R.  Netherland Bessie 3453 A. R. O. In 10 y. 9 m. 5 d., 83.897 lbs. fat.

Owned by C. A. Schroeder, West Bend, Wis.

[Entry of additional records. For previous records see Vol. XV, page 370.]

Second Official Butter Record: Dropped calf March 10, 1905, at 3 y. 4 m. 7 d. of age; commenced record April 4, 11 p. m., 1905; closed record April 11, 5 p. m.; 7 days' production 16.117 lbs. butter fat; milk 468.4 lbs.

Attested by L. M. Hatch, Wisconsin Agricultural Experiment Station.

**NO. 4186. JACOBA HARTOG ROYAL DE KOL 68497.**

JACOBA HARTOG ROYAL DE KOL, 4186 A. R. O. In 1 y. 10 m. 5 d., 8.894 lbs. fat.	{	Sethje Veeman Lamb De Kol King 347 A. R.	{	Lamb De Kol Pietertje 218 A. R.  Sethje Veeman 4th's Pietertje 44023.
		Jacoba Hartog Royal 27255.		Mooie Twisk 4th 706 D. F.  Jacoba Hartog 7th 604 A. R. O. In 4 y. 9 m. 19 d., 14 lbs. 12 oz. butter by churn.

Owned by Irwin Langworthy, South Brookfield, N. Y. Bred by Langworthy Brothers, West Edmeston, N. Y. Calved April 19, 1903.

Official Butter Record: Dropped calf February 24, 1905, at 1 y. 10 m. 5 d. of age; commenced record March 2, 4 p. m., 1905; closed record March 9, 10 a. m.; 7 days' production 8.894 lbs. butter fat; milk 248.7 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 4187. SIJTJE TWISK VEEMAN DE KOL 68501.**

SIJTJE TWISK VEEMAN DE KOL, 4187 A. R. O. In 1 y. 9 m. 14 d., 16.880 lbs. fat 14 d.	{	Sethje Veeman Lamb De Kol King 347 A. R.	{	Lamb De Kol Pietertje 218 A. R.  Sethje Veeman 4th's Pietertje 44023.
		Sijtje Twisk 4th 44617.		Leonie Tweede's Pietertje 293 A. R.  Sijtje Twisk 15326.

Owned and bred by Irwin Langworthy, South Brookfield, N. Y. Calved April 16, 1903.

Official Butter Record: Dropped calf January 30, 1905, at 1 y. 9 m. 14 d. of age; commenced record February 23, 10 a. m., 1905; closed record March 2, 4 a. m.; 7 days' production 8.460 lbs. butter fat; milk 267.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 30, 1905, at 1 y. 9 m. 14 d. of age; commenced record February 23, 10 a. m., 1905; closed record March 9, 4 a. m.; 14 days' production 16.880 lbs. butter fat; milk 539.3 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

### IRMENA PIETERTJE MIGNONE 3266 A. R. O. 68495.

IRMENA PIETERTJE MIGNONE 3266 A. R. O. In 5 y. 9 m. 20 d., 28.397 lbs. fat 14 d.	{	Leonia Pietertje Mignone 23891.	{	Leonia Tweede's Pietertje 293 A. R.
		Irmene 109 A. R. P. In 1 y. 11 m. 26 d., 9 lbs. 14 oz. butter by churn.		Mignone 121 A. R. P. In 2 y. 14 d., 11 lbs. butter by churn.

Owned by Irwin Langworthy, South Brookfield, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 261.]

Second Official Butter Record: Dropped calf February 5, 1905, at 5 y. 9 m. 20 d. of age; commenced record March 1, 4 p. m., 1905; closed record March 8, 10 a. m.; 7 days' production 14.302 lbs. butter fat; milk 440.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 5, 1905, at 5 y. 9 m. 20 d. of age; commenced record February 22, 4 p. m., 1905; closed record March 8, 10 a. m.; 14 days' production 28.397 lbs. butter fat; milk 873 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

### NO. 4188. SIJTJE TWISK PIETERTJE DE KOL 68500.

SIJTJE TWISK PIE- TERTJE DE KOL 4188 A. R. O. In 1 y. 11 m. 17 d., 18.642 lbs. fat 14 d.	{	Sethje Veeman Lamb De Kol King 347 A. R.	{	Lamb De Kol Pietertje 218 A. R.
		Sijtje Twisk Pietertje Inka 3671 A. R. O. In 3 y. 2 m. 27 d., 9.431 lbs. fat.		Sethje Veeman 4th's Pietertje 44023.
				Peter Minnette 24583.
				Sijtje Twisk 4th 44617.

Owned and bred by Irwin Langworthy, South Brookfield, N. Y. Calved February 21, 1903.

Official Butter Record: Dropped calf February 8, 1905, at 1 y. 11 m. 17 d. of age; commenced record March 2, 4 p. m., 1905; closed record March 9, 10 a. m.; 7 days' production 9.649 lbs. butter fat; milk 312.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 8, 1905, at 1 y. 11 m. 17 d. of age; commenced record February 23, 4 p. m., 1905; closed record March 9, 10 a. m.; 14 days' production 18.642 lbs. butter fat; milk 608.6 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

#### NO. 4189. DE KOL MADURA CLOTHILDE 57044.

DE KOL MADURA CLO- THILDE 4189 A. R. O. In 4 y. 5 m. 3 d., 40.966 lbs. fat 21 d.	{ Alexander's De Kol 349 A. R.  Madura Clothilde 43875.	{ De Kol 2d's Alban 114 A. R.  Alexander's Queen 2d 666 A. R. P. In 4 y. 3 m. 5 d., 20 lbs. butter by churn.
		{ Netherland Duchess' Clothilde 10670.  General Grant's Madura 23542.

Owned by R. E. Coe, Kirkville, N. Y. Bred by C. Pratt, Syracuse, N. Y. Calved September 6, 1900.

Official Butter Record: Dropped calf February 9, 1905, at 4 y. 5 m. 3 d. of age; commenced record February 24, 10 p. m., 1905; closed record March 3, 4 p. m.; 7 days' production 14.480 lbs. butter fat; milk 383 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 9, 1905, at 4 y. 5 m. 3 d. of age; commenced record February 23, 10 a. m., 1905; closed record March 9, 4 a. m.; 14 days' production 28.698 lbs. butter fat; milk 766.1 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf February 9, 1905, at 4 y. 5 m. 3 d. of age; commenced record February 16, 10 a. m., 1905; closed record March 9, 4 a. m.; 21 days' production 40.966 lbs.; milk 1,077.3 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

#### NO. 4190. MINNIE PIETERTJE JEWEL 66315.

MINNIE PIETERTJE JEWEL 4190 A. R. O. In 7 y. 7 m. 8 d., 33.430 lbs. fat 14 d.	{ Jewel Netherland Mechthilde 231 A. R.  Minnie Pietertje 58727.	{ Sir Parthena Mechthilde No. 2 19668.  Crumhorn Lass 32493.
		{ Lord Pietertje Koningin Keyes 17709.  Roella 2d's Minnie 19663.

Owned by R. E. Coe, Kirkville, N. Y. Bred by E. C. Brill, Poughquag, N. Y. Calved May 19, 1897.

Official Butter Record: Dropped calf December 27, 1904, at 7 y. 7 m. 8 d. of age; commenced record February 2, 1905; closed record February 8; 7 days' production 17.126 lbs. butter fat; milk 523.6 lbs.



Official Butter Record: Fourteen consecutive days. Dropped calf December 27, 1904, at 7 y. 7 m. 8 d. of age; commenced record January 29, 1 p. m., 1905; closed record February 12, 4 p. m.; 14 days' production 33.430 lbs. butter fat; milk 989.3 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

#### NO. 4191. PLEDGE DE KOL 58419.

PLEDGE DE KOL 4191 A. R. O. In 4 y. 9 m. 23 d., 25.371 lbs. fat 14 d.	De Kol Aaggie Otley 24570.	{ Netherland De Kol's Perfection 223 A. R. Shadeland Nona 29573.
	Pink Pledge Clothilde 48234.	
		{ Clothilde Acme Pledge 22878. Joe's Pink 2d 32384.

Owned and bred by R. E. Coe, Kirkville, N. Y. Calved April 15, 1900.

Official Butter Record: Dropped calf February 8, 1905, at 4 y. 9 m. 23 d. of age; commenced record February 23, 1905; closed record March 1; 7 days' production 13.636 lbs. butter fat; milk 426.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 8, 1905, at 4 y. 9 m. 23 d. of age; commenced record February 17, 10 p. m., 1905; closed record March 3, 4 p. m.; 14 days' production 25.371 lbs. butter fat; milk 831.1 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

#### NO. 4192. ECHO COLANTHA DE KOL 64366.

ECHO COLANTHA DE KOL 4192 A. R. O. In 2 y. 4 m. 28 d., 19.219 lbs. fat 14 d.	De Kol 2d's Paul De Kol No. 6 25048.	{ De Kol 2d's Paul De Kol 107 A. R. Jetske Roe's Aaggie 1414 A. R. O. In 4 y. 9 m. 17 d., 13.645 lbs. fat.
	Jewel Echo Colantha 41188.	
		{ Pia's Sir Jewel Echo 20544. Betje Jewel Colantha 38739.

Owned by R. E. Coe, Kirkville, N. Y. Bred by G. M. & S. S. Lyon, Spring Hill, Pa. Calved August 16, 1902.

Official Butter Record: Dropped calf January 14, 1905, at 2 y. 4 m. 28 d. of age; commenced record February 2, 10 p. m., 1905; closed record February 9, 4 p. m.; 7 days' production 9.971 lbs. butter fat; milk 304.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 14, 1905, at 2 y. 4 m. 28 d. of age; commenced record January 29, 1905; closed record February 11; 14 days' production 19.219 lbs. butter fat; milk 581 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**LARKY DE KOL 2810 A. R. O. 63007.**

LARKY DE KOL, 2810 A. R. O. In 5 y. 2 m. 4 d., 23.727 lbs. fat 14 d.	{	Lamb De Kol Pietertje 218 A. R.	{ De Kol 2d's Queen's Pietertje 17067.
			{ Vleel 2d 857 A. R. P. In 2 y. 2 m., 15 lbs. 14.5 oz. butter by churn.
		Larky Captola 63006.	{ Captain Tucker 31347. Larky Captola A. 63005.

Owned by R. E. Coe, Kirkville, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 234.]

Second Official Butter Record: Dropped calf February 8, 1905, at 5 y. 2 m. 4 d. of age; commenced record February 28, 10 p. m., 1905; closed record March 7, 4 p. m.; 7 days' production 12.165 lbs. butter fat; milk 387.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 8, 1905, at 5 y. 2 m. 4 d. of age; commenced record February 23, 10 a. m., 1905; closed record March 9, 4 a. m.; 14 days' production 23.727 lbs. butter fat; milk 754.6 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**MAPLECROFT DE KOL PRINCESS 2794 A. R. O. 56911.**

MAPLECROFT DE KOL PRINCESS 2794 A. R. O. In 4 y. 5 m. 25 d., 12.728 lbs. fat.	{	Alexander's De Kol 349 A. R.	{ De Kol 2d's Alban 114 A. R.
			{ Alexander's Queen 2d 666 A. R. P. In 4 y. 3 m. 5 d., 20 lbs. butter by churn.
		Maplecroft Princess 35910.	{ De Kol 2d's Queen's Pietertje 17067. Aaggie Cornelia 5th's Prin- cess 658 A. R. P. In 4 y., 5 m. 21 d., 18 lbs. 14.5 oz. butter by churn.

Owned by R. E. Coe, Kirkville, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 225.]

Second Official Butter Record: Dropped calf January 26, 1905, at 4 y. 5 m. 25 d. of age; commenced record February 18, 4 p. m., 1905; closed record February 25, 10 a. m.; 7 days' production 12.728 lbs. butter fat; milk 398.1 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**RACHEL SCHILLAARD CLOTHILDE 3558 A. R. O. 64144.**

RACHEL SCHILLAARD CLOTHILDE 3558 A. R. O. In 3 y. 4 m. 4 d., 42.438 lbs. fat 14 d.	{	Brownie Clothilde 292 A. R.	{ Sir Clothilde 18167.
			{ Belle of Schillaard's Netherland 43175.
		Rachel B. 63435.	{ Shadeland Brank 18712. Lady of Schillaard 2634.

Owned by R. E. Coe, Kirkville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 426.]

Second Official Butter Record: Dropped calf January 26, 1905, at 3 y. 4 m. 4 d. of age; commenced record February 20, 1905; closed record February 26; 7 days' production 15.279 lbs. butter fat; milk 413 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 26, 1905, at 3 y. 4 m. 4 d. of age; commenced record February 16, 1905; closed record March 1; 14 days' production 29.746 lbs. butter fat; milk 816.4 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf January 26, 1905, at 3 y. 4 m. 4 d. of age; commenced record February 9, 1905; closed record March 1; 21 days' production 42.438 lbs. butter fat; milk 1,163.8 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**NO. 4193. MODEL PIETERTJE INKA KATE 68473.**

MODEL PIETERTJE INKA KATE 4193 A. R. O. In 3 y. 11 m. 27 d., 12.581 lbs. fat.	{	Model Pride 348 A. R.	{	Copia's Elector 21294.
		Inka Pietertje Netherland Kate 68023.		Ondine's Model 4th 10534.
			{	Inka's Pietertje Netherland 119 A. R. Katie 1900 D. F.

Owned by R. E. Coe, Kirkville, N. Y. Bred by M. H. Kinsley, Kenwood, N. Y.  
Calved February 19, 1901.

Official Butter Record: Dropped calf February 16, 1905, at 3 y. 11 m. 27 d. of age; commenced record March 3, 4 a. m., 1905; closed record March 9, 10 p. m.; 7 days' production 12.581 lbs. butter fat; milk 375.8 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**NO. 4194. INA WOODCREST DE KOL 55150.**

INA WOODCREST DE KOL 4194 A. R. O. In 4 y. 8 m. 18 d., 65.578 lbs. fat 30 d.	{	Woodcrest 23301.	{	Onondaga Champion 22131.
		Plum De Kol 41677.		Hamilton Charm 39920.
			{	De Kol 2d's Butter Boy 129 A. R. Plum 4th 1180 A. R. O. In 6 y. 5 d., 15.519 lbs. fat.

Owned and bred by J. W. Dimick, Rifton, N. Y. Calved October 20, 1900.

Official Butter Record: Dropped calf February 8, 1905, at 4 y. 3 m. 18 d. of age; commenced record February 25, 4.30 p. m., 1905; closed record March 4, 10.45 a. m.; 7 days' production 16.948 lbs. butter fat; milk 481.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 8, 1905, at 4 y. 3 m. 18 d. of age; commenced record February 22, 10.45 p. m., 1905; closed record March 24, 4.30 p. m.; 30 days' production 65.578 lbs. butter fat; milk 2,028.9 lbs.

Attested by Dwight E. Carley and William D. Wheelock, Cornell University Agricultural Experiment Station.

**TRYNTJE C. DE KOL 2803 A. R. O. 54252.**

TRYNTJE C. DE KOL 2803 A. R. O. In 4 y. 3 m. 23 d., 68.218 lbs. fat 30 d.	{	De Kol Successor 26330.	{	De Kol 2d's Netherland 118 A. R.
		Tryntje C. 41552.		Tina Pauline 2683 A. R. O. In 8 y. 9 m. 7 d., 56.230 lbs. fat 30 d.
			{	De Kol 2d's Netherland 118 A. R.
			{	Netherland Tryntje 13555.

Owned by J. W. Dimick, Rifton, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 231.]

Second Official Butter Record: Dropped calf February 8, 1905, at 4 y. 3 m. 23 d. of age; commenced record February 28, 4.30 p. m., 1905; closed record March 7, 10.45 a. m.; 7 days' production 16.637 lbs. butter fat; milk 414.6 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 8, 1905, at 4 y. 3 m. 23 d. of age; commenced record February 22, 10.45 p. m., 1905; closed record March 24, 4.30 p. m.; 30 days' production 68.218 lbs. butter fat; milk 1,768 lbs.

Attested by Dwight E. Carley and William D. Wheelock, Cornell University Agricultural Experiment Station.

**DE KOL GRINETIA 2D 2668 A. R. O. 53410.**

DE KOL GRINETIA 2d 2668 A. R. O. In 5 y. 4 m. 15 d., 24.072 lbs. fat 14 d.	{	Lamb De Kol Pietertje 218 A. R.	{	De Kol 2d's Queen's Pietertje 17067.
		De Kol Grindetia 47206.		Vleel 2d 857 A. R. P. In 2 y. 2 m., 15 lbs. 14.5 oz. butter by churn.
			{	Lamb De Kol Pietertje 218 A. R.
			{	Grindetia 3d 35779.

Owned by J. W. Dimick, Rifton, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 152.]

Second Official Butter Record: Dropped calf February 9, 1905, at 5 y. 4 m. 15 d. of age; commenced record March 2, 4.30 p. m., 1905; closed record March 9, 10.45 a. m.; 7 days' production 12.142 lbs. butter fat; milk 398.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 9, 1905, at 5 y. 4 m. 15 d. of age; commenced record February 23, 4.30 p. m., 1905; closed record March 9, 10.45 a. m.; 14 days' production 24.072 lbs. butter fat; milk 761.1 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

**NO. 4195. DE GEL 3D 66616.**

DE GEL 3d 4195 A. R. O.  
In 2 y. 4 m. 31.969 lbs.  
fat 21 d.

{	Homestead Hero De Kol 25373.	{ Hero De Kol 274 A. R. Shadeland Dione 21707.
	De Gel 48874.	{ Admiral De Kol 216 A. R. Gelsche 3d C. 2239 A. R. O. In 9 y. 9 m. 6 d., 13.590 lbs. fat.

Owned by J. W. Dimick, Rifton, N. Y. Bred by Charles A. Wheeler, Deposit, N. Y. Calved October 8, 1902.

Official Butter Record: Dropped calf February 8, 1905, at 2 y. 4 m. of age; commenced record March 7, 1905; closed record March 13; 7 days' production 11.295 lbs. butter fat; milk 362.8 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf February 8, 1905, at 2 y. 4 m. of age; commenced record February 23, 1905; closed record March 15; 21 days' production 31.969 lbs. butter fat; milk 1,012.1 lbs.

Attested by Dwight E. Carley, Cornell University Agricultural Experiment Station.

**NO. 4196. PLEDGE SPOFFORD 64915.**

PLEDGE SPOFFORD 4196  
A. R. O. In 2 y. 1 m. 12  
d., 11.627 lbs. fat.

{	Katy Spofford Corona's Son 350 A. R.	{ Homestead Hengerveld Crown De Kol 26345. Katy Spofford Corona 1738 A. R. O. In 3 y. 1 m. 6 d., 20.822 lbs. fat.
	Netherland Pledge 2640 A. R. O. In 5 y. 7 m. 1 d., 13.431 lbs. fat.	{ Pledge 3d's Clothilde 270 A. R. Jennie Belle Netherland 37342.

Owned by E. H. Knapp & Son, Fabius, N. Y. Bred by E. H. Knapp, Fabius, N. Y. Calved December 26, 1902.

Official Butter Record: Dropped calf February 8, 1905, at 2 y. 1 m. 12 d. of age; commenced record March 3, 4 a. m., 1905; closed record March 9; 10 p. m.; 7 days' production 11.627 lbs. butter fat; milk 325.3 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.



**NO. 4197. DE KOL BURKE SPOFFORD 64913.**

DE KOL BURKE SPOFFORD 4197 A. R. O. In 1 y. 10 m. 25 d., 8.367 lbs. fat.	{	Katy Spofford Corona's Son 350 A. R.	{	Homestead Hengerveld Crown De Kol 26345.
		Lady P. T. Burke De Kol 3465 A. R. O. In 4 y. 7 m. 13 d., 14.084 lbs. fat.		Katy Spofford Corona 1738 A. R. O. In 3 y. 1 m. 6 d., 20.822 lbs. fat.
			{	Nebraska Parthena Sir Henry 24663.
			{	Manor De Kol's Helena Burke 2536 A. R. O. In 5 y. 2 m. 24 d., 89.297 lbs. fat 42 d.

Owned by E. H. Knapp & Son, Fabius, N. Y. Bred by E. H. Knapp, Fabius, N. Y. Calved March 15, 1903.

Official Butter Record: Dropped calf February 10, 1905, at 1 y. 10 m. 25 d. of age; commenced record March 10, 10 a. m., 1905; closed record March 17, 4 a. m.; 7 days' production 8.367 lbs. butter fat; milk 233.9 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4198. CALAMITY SPOFFORD 64914.**

CALAMITY SPOFFORD 4198 A. R. O. In 2 y. 1 m. 6 d., 9.699 lbs. fat.	{	Katy Spofford Corona's Son 350 A. R.	{	Homestead Hengerveld Crown De Kol 26345.
		Calamity Hengerveld De Kol 52903.		Katy Spofford Corona 1738 A. R. O. In 3 y. 1 m. 6 d., 20.822 lbs. fat.
			{	Calamity Jane's Paul 146 A. R.
			{	Pietertje Hengerveld's Lady De Kol 2d 1452 A. R. O. In 3 y. 9 m., 12.919 lbs. fat.

Owned by E. H. Knapp & Son, Fabius, N. Y. Bred by E. H. Knapp, Fabius, N. Y. Calved December 30, 1902.

Official Butter Record: Dropped calf February 6, 1905, at 2 y. 1 m. 6 d. of age; commenced record March 3, 4 a. m., 1905; closed record March 9, 10 p. m.; 7 days' production 9.699 lbs. butter fat; milk 300.8 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4199. MOLLY SPOFFORD 64908.**

MOLLY SPOFFORD 4199 A. R. O. In 2 y. 14 d., 9.143 lbs. fat.	{	Katy Spofford Corona's Son 350 A. R.	{	Homestead Hengerveld Crown De Kol 26345.
		Molly D. Netherland 2296 A. R. O. In 2 y. 2 m. 20 d., 9.753 lbs. fat.		Katy Spofford Corona 1738 A. R. O. In 3 y. 1 m. 6 d., 20.822 lbs. fat.
			{	Judge Akkrum De Kol 172 A. R.
			{	Garthy's Lady Netherland 38124.

Owned by E. H. Knapp & Son, Fabius, N. Y. Bred by E. H. Knapp, Fabius, N. Y. Calved February 17, 1903.

Official Butter Record: Dropped calf March 1, 1905, at 2 y. 14 d. of age; commenced record March 10, 4 p. m., 1905; closed record March 17, 10 a. m.; 7 days' production 9.143 lbs. butter fat; milk 285.7 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

### NETHERLAND PLEDGE 2640 A. R. O. 51893.

NETHERLAND PLEDGE  
2640 A. R. O. In 5 y.  
7 m. 1 d., 13.431 lbs. fat.

{ Pledge 3d's Clothilde 270  
A. R.

{ Jennie Belle Netherland  
37342.

{ Clothilde Monk 19202.

{ Pledge 3d 36785.

{ Netherland Aaggie Pietertje  
18107.

{ Kenwood Roena 20150.

Owned by E. H. Knapp & Son, Fabius, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 137.]

Second Official Butter Record: Dropped calf November 9, 1904, at 5 y. 7 m. 1 d. of age; commenced record March 3, 4 a. m., 1905; closed record March 9, 10 p. m.; 7 days' production 13.431 lbs. butter fat; milk 408.3 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

### VEEMAN KONINGEN 3D 2822 A. R. O. 53025.

VEEMAN KONINGEN 3d  
2822 A. R. O. In 5 y. 6  
m. 1 d., 31.700 lbs. fat  
14 d.

{ Billy McKinley 241 A. R.

{ Veeman Koningen 27480.

{ Aaggie Beauty 2d's Hero  
21400.

{ Pleasant Valley Maid's Pie-  
tertje 1396 A. R. O. In 9  
y. 3 m. 7 d., 15.540 lbs.  
fat.

{ Seth Veeman 12525.

{ Amarilla's Koningen 1531 A.  
R. O. In 10 y. 7 m. 12 d.,  
13.160 lbs. fat.

Owned by E. H. Knapp & Son, Fabius, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 244.]

Second Official Butter Record: Dropped calf February 22, 1905, at 5 y. 6 m. 1 d. of age; commenced record March 3, 1905; closed record March 9; 7 days' production 16.247 lbs. butter fat; milk 448 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 22, 1905, at 5 y. 6 m. 1 d. of age; commenced record March 3, 4 p. m., 1905; closed record March 17, 10 a. m.; 14 days' production 31.700 lbs. butter fat; milk 938.9 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**KATY SPOFFORD CORONA 2D 2823 A. R. O. 53117.**

KATY SPOFFORD CORONA 2d 2823 A. R. O. In 4 y. 9 m. 3 d., 30.478 lbs. fat 14 d.	{	De Haan Pietertje 243 A. R.	{	Inka 4th's Mechthilde 122 A. R.
				Lady De Haan 5th's Pietertje 35157.
	{	Katy Spofford Corona 1738 A. R. O. In 3 y. 1 m. 6 d., 20.822 lbs. fat.	{	Corona's Duke 2d 392 W.
				Katy Spofford 2d 16094.

Owned by E. H. Knapp & Son, Fabius, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 244.]

Second Official Butter Record: Dropped calf February 19, 1905, at 4 y. 9 m. 3 d. of age; commenced record March 7, 4 p. m., 1905; closed record March 14, 10 a. m.; 7 days' production 15.868 lbs. butter fat; milk 469.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 19, 1905, at 4 y. 9 m. 3 d. of age; commenced record March 3, 4 p. m., 1905; closed record March 17, 10 a. m.; 14 days' production 30.478 lbs. butter fat; milk 911.6 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**LADY P. T. BURKE DE KOL 3465 A. R. O. 53555.**

LADY P. T. BURKE DE KOL 3465 A. R. O. In 4 y. 7 m. 13 d., 14.084 lbs. fat.	{	Nebraska Parthenea Sir Henry 24663.	{	Parthenea's Sir Henry 248 A. R.
				Robertine Tritomia 45627.
	{	Manor De Kol's Helena Burke 2536 A. R. O. In 5 y. 2 m. 24 d., 89.297 lbs. fat 42 d.	{	Manor De Kol 130 A. R.
				Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.

Owned by E. H. Knapp & Son, Fabius, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 379.]

Second Official Butter Record: Dropped calf March 4, 1905, at 4 y. 7 m. 13 d. of age; commenced record March 12, 10 a. m., 1905; closed record March 19, 4 a. m.; 7 days' production 14.084 lbs. butter fat; milk 400.1 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**MANOR DE KOL MERCEDES 3464 A. R. O. 55501.**

MANOR DE KOL MERCEDES 3464 A. R. O. In 4 y. 26 d., 31.352 lbs. fat 14 d.	Manor De Kol's Sir Clothilde 166 A. R.	Manor De Kol 130 A. R.
	Jennie Mercedes Atossa 2d 1875 A. R. O. In 4 y. 8 m. 12 d., 12.908 lbs. fat.	Clothilde Artis Belle 1154 A. R. O. In 5 y. 9 m. 23 d., 16.800 lbs. fat. Bay State Mercedes Prince 18105. Jennie Mercedes Atossa 30344.

Owned by E. H. Knapp & Son, Fabius, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 378.]

Second Official Butter Record: Dropped calf February 13, 1905, at 4 y. 26 d. of age; commenced record March 12, 4 p. m., 1905; closed record March 19, 10 a. m.; 7 days' production 15.905 lbs. butter fat; milk 472.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 13, 1905, at 4 y. 26 d. of age; commenced record March 5, 4 p. m., 1905; closed record March 19, 10 a. m.; 14 days' production 31.352 lbs. butter fat; milk 931.8 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4200. CALAMITY SPOFFORD DE KOL 70476.**

CALAMITY SPOFFORD DE KOL 4200 A. R. O. In 1 y. 9 m. 7 d., 8.654 lbs. fat.	Katy Spofford Corona's Son 350 A. R.	Homestead Hengerveld Crown De Kol 26345.
	Calamity Greenwood De Kol 3703 A. R. O. In 2 y. 3 m. 8 d., 10.982 lbs. fat.	Katy Spofford Corona 1738 A. R. O. In 3 y. 1 m. 6 d., 20.822 lbs. fat. De Kol 2d's Pauline 2d's Paul De Kol 27483. Calamity Hengerveld De Kol 52903.

Owned by E. H. Knapp & Son, Fabius, N. Y. Bred by E. H. Knapp, Fabius, N. Y. Calved May 30, 1903.

Official Butter Record: Dropped calf March 7, 1905, at 1 y. 9 m. 7 d. of age; commenced record March 14, 1905; closed record March 20; 7 days' production 8.654 lbs. butter fat; milk 261.4 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4201. MANTEL 6TH'S BEAUTY 47210.**

MANTEL 6th's BEAUTY 4201 A. R. O. In 7 y. 1 m. 16 d., 13.080 lbs. fat.	{	Clothilde 2d's Clothilde 17052.	{	Clothilde 4th's Imperial 42 A. R.
				Clothilde 2d 156 A. R. P. In 8 y. 9 m. 5 d., 320 7-24 lbs. butter by churn 90 d.
		Mantel 6th 8225.		Neptune Fairview 3886.
				Mantel 1009 H. H. B.

Owned by F. W. Ames, Morristown, N. Y. Bred by C. H. Warren, Verona, N. Y. Calved February 3, 1898.

Official Butter Record: Dropped calf March 19, 1905, at 7 y. 1 m. 16 d. of age; commenced record March 29, 2 p. m., 1905; closed record April 5, 6 a. m.; 7 days' production 13.080 lbs. butter fat; milk 405.1 lbs.

Attested by H. Mason Knox, Cornell University Agricultural Experiment Station.

**NO. 4202. DE KOL MANTEL 47209.**

DE KOL MANTEL 4202 A. R. O. In 7 y. 26 d., 12.297 lbs. fat.	{	Maplecroft De Kol 275 A. R.	{	De Kol 2d's Alban 114 A. R.
				De Freule 3d 999 A. R. P. In 2 y. 11 m. 22 d., 20 3-64 lbs. butter by churn.
		Mantel 6th's Netherland Aaggie 18488.		Sarnia's Netherland Aaggie 5509.
				Mantel 6th 8225.

Owned by F. W. Ames, Morristown, N. Y. Bred by C. H. Warren, Verona, N. Y. Calved February 2, 1898.

Official Butter Record: Dropped calf February 28, 1905, at 7 y. 26 d. of age; commenced record March 29, 2 p. m., 1905; closed record April 5, 6 a. m.; 7 days' production 12.297 lbs. butter fat; milk 434.7 lbs.

Attested by H. Mason Knox, Cornell University Agricultural Experiment Station.

**NO. 4203. SEVEN SPOT DE KOL 63947.**

SEVEN SPOT DE KOL 4203 A. R. O. In 2 y. 10 m. 19 d., 8.745 lbs. fat.	{	Mutual Friend 3d's Pauline's Paul 27823.	{	Paul De Kol 4th 127 A. R.
				Mutual Friend 3d's Pauline 1409 A. R. O. In 4 y. 5 m. 24 d., 12.956 lbs. fat.
		De Kol Mantel's De Kol 53072.		Hero De Kol Dione 23755.
				De Kol Mantel 47209.

Owned and bred by F. W. Ames, Morristown, N. Y. Calved April 15, 1902.

Official Butter Record: Dropped calf March 4, 1905, at 2 y. 10 m. 19 d. of age; commenced record March 29, 2 p. m., 1905; closed record April 5, 6 a. m.; 7 days' production 8.745 lbs. butter fat; milk 266.1 lbs.

Attested by H. Mason Knox, Cornell University Agricultural Experiment Station.



**NO. 4204. INKA VALE 70927.**

<b>INKA VALE 4204 A. R. O.</b> In 1 y. 8 m. 4 d., 8.455 lbs. fat.	{ Paul De Kol Jr. 346 A. R.	{ Paul De Kol 97 A. R.
	{ Hartog Netherland Inka Pietertje 1595 A. R. O. In 6 y. 9 m. 21 d., 63.968 lbs. 30 d.	{ Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 21 d., 176.420 lbs. fat 60 d.
		{ Inka Princess Pietertje Pledge 140 A. R.
		{ Hartog Netherland 28457.

Owned and bred by W. A. Matteson, Utica, N. Y. Calved June 19, 1903.

Official Butter Record: Dropped calf February 23, 1905, at 1 y. 8 m. 4 d. of age; commenced record March 10, 11 p. m., 1905; closed record March 17, 5 p. m.; 7 days' production 8.455 lbs. butter fat; milk 276.2 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 4205. ETHEL BUTTERFLY 63072.**

<b>ETHEL BUTTERFLY 4205</b> A. R. O. In 2 y. 8 m. 2 d., 9.261 lbs. fat.	{ Shepard Soldene Beauty 25339.	{ White Ondinus Shepard 351 A. R.
	{ Butterfly Ondinus Shepard 39904.	{ Netherlands Beauty's Soldene 28748.
		{ White Ondinus Shepard 351 A. R.
		{ Butterfly's Choice 33282.

Owned by Rankin Brothers, Brockton, Mass. Bred by William Rankin, Brockton, Mass. Calved May 20, 1902.

Description: Age, 2 y. 10 m. 25 d.; milk and beef form; head, fine, proportionate; neck, good, symmetrical, slim; chine, straight, broad, fairly open vertebræ; loin and hips, moderately developed; rump, high, slightly uneven; escutcheon, quite large, fine; mammary veins, long, large, crooked; udder, symmetrical, flexible, quarters well balanced; teats, medium, well placed; handling, good; secretions of skin, abundant, yellow; general appearance, thrifty, good style; height, shoulders 49 inches, hips 50.5; length, body 60; width, hips 20, thurl 18; girth 71; weight, 900 lbs.; examiner, Arthur Guiel; examined April 15, 1905.

Official Butter Record: Dropped calf January 22, 1905, at 2 y. 8 m. 2 d. of age; commenced record April 8, 1905; closed record April 14; 7 days' production 9.261 lbs. butter fat; milk 279.6 lbs.

Attested by Arthur Guiel, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4206. BARNA ALICE DAISY 54546.**

BARNA ALICE DAISY  
4206 A. R. O. In 4 y. 6  
m. 9 d., 14,701 lbs. fat.

{ White Ondinus Shepard 351  
A. R. { Nitalia's Ondinus 6910.  
Lady Shepard 1586 H. H. B.  
  
{ Barna's Bessie's Alice 38299. { Koopman 2d's Clothilde  
16018.  
Barna's Bessie 27446.

Owned by Rankin Brothers, Brockton, Mass. Bred by William Rankin, Brockton, Mass. Calved September 3, 1900.

Description: Age, 4 y. 7 m. 12 d.; dairy form; head, proportionate, fine; neck, fine, nearly level; chine, nearly straight, broad, very open vertebræ; hips, slightly sloping; rump, high; escutcheon, quite even; mammary veins, very large, fine; udder, large, very capacious, quarters even, well developed; teats, good size, well placed; handling, good; secretions of skin, very abundant, yellow; general appearance, vigorous, thrifty; height, shoulders 53 inches, hips 56; length, body 64; width, hips 21, thurl 20; girth 76; weight, 1,100 lbs.; examiner, Arthur Guiel; examined April 15, 1905.

Official Butter Record: Dropped calf March 12, 1905, at 4 y. 6 m. 9 d. of age; commenced record April 8, 1905; closed record April 14; 7 days' production 14,701 lbs. butter fat; milk 435.1 lbs.

Attested by Arthur Guiel, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4207. FEIKJE 71192.**

FEIKJE 4207 A. R. O. In  
8 y. 7 d., 12,308 lbs. fat.

Owned by J. W. Dimick, Rifton, N. Y. Bred by Pieter S. Schaap, Wirdum, Friesland. Calved March 3, 1897.

Official Butter Record: Dropped calf March 10, 1905, at 8 y. 7 d. of age; commenced record March 17, 10.45 a. m., 1905; closed record March 24, 4.45 a. m.; 7 days' production 12,308 lbs. butter fat; milk 441.9 lbs.

Attested by Dwight E. Carley and William D. Wheelock, Cornell University Agricultural Experiment Station.

**NO. 4208. LILY DE KOL 66600.**

LILY DE KOL 4208 A. R.  
O. In 2 y., 43,703 lbs. fat  
30 d.

{ Climax De Kol Paul 27521. { De Kol 2d's Paul De Kol 107  
A. R.  
{ Bess Clothilde Netherland  
1923 A. R. O. In 5 y. 3  
m. 16 d., 13,826 lbs. fat.  
  
{ Aaggie Lily 3d's Netherland  
1224 A. R. O. In 10 y.  
12 d., 13,911 lbs. fat. { Inka Princess Pietertje  
Netherland 95 A. R.  
{ Aaggie Lily 3d 445 A. R. P.  
In 1 y. 11 m. 11 d., 9 lbs.  
14 oz. butter by churn.

Owned by Charles Cooper, Frankfort, N. Y. Bred by W. A. Matteson, Utica, N. Y. Calved January 30, 1903.

Official Butter Record: Dropped calf January 30, 1905, at 2 y. of age; commenced record February 25, 1905; closed record March 3; 7 days' production 11.149 lbs. butter fat; milk 350.3 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 30, 1905, at 2 y. of age; commenced record February 5, 1905; closed record March 6; 30 days' production 43.703 lbs. butter fat; milk 1,312.3 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

#### NO. 4209. PAULINE GEM BURKE 66602.

PAULINE GEM BURKE  
4209 A. R. O. In 2 y. 2  
m. 9 d., 46.234 lbs. fat  
30 d.

Hartog De Kol Burke 30271.

De Kol Burke 162 A. R.

Hartog Netherland Inka Pi-  
tertje 1595 A. R. O. In 6  
y. 9 m. 21 d., 63.968 lbs.  
fat 30 d.

Homestead Pauline Gem 2723  
A. R. O. In 1 y. 11 m.  
4 d., 7.332 lbs. fat.

Paul De Kol Jr. 346 A. R.

Maplecroft Gem 1351 A. R.  
O. In 5 y. 5 m. 11 d.,  
16.079 lbs. fat.

Owned by Earl Cooper, Frankfort, N. Y. Bred by W. A. Matteson, Utica, N. Y.  
Calved September 6, 1902.

Official Butter Record: Dropped calf November 15, 1904, at 2 y. 2 m. 9 d. of age; commenced record January 22, 11 p. m., 1905; closed record January 29, 5 p. m.; 7 days' production 11.422 lbs. butter fat; milk 349.2 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf November 15, 1904, at 2 y. 2 m. 9 d. of age; commenced record January 4, 11 p. m., 1905; closed record February 3, 5 p. m.; 30 days' production 46.234 lbs. butter fat; milk 1,440.2 lbs.

Attested by G. W. Tailby, Jr., and C. C. Cole, Cornell University Agricultural Experiment Station.

#### NO. 4210. DE KOL 2D'S ALBAN'S DE KOL 36714.

DE KOL 2d's ALBAN'S DE  
KOL 4210 A. R. O. In  
10 y. 6 m. 25 d., 14.040  
lbs. fat.

De Kol 2d's Alban 114 A. R.

Netherland Alban 34 A. R.

De Kol 2d 412 A. R. O. In  
10 y. 11 m. 3 d., 21.261  
lbs. fat.

Miss Barnum 20400.

Netherland Alban 34 A. R.

Belle Barnum 998 A. R. P.  
In 4 y. 1 m. 8 d., 17 63-64  
lbs. butter by churn.

Owned by Edward Powell, Syracuse, N. Y. Bred by J. B. Dutcher & Son, Pawling, N. Y. Calved August 17, 1894.

Official Butter Record: Dropped calf March 12, 1905, at 10 y. 6 m. 25 d. of age; commenced record March 29, 1905; closed record April 4; 7 days' production 14.040 lbs. butter fat; milk 428.8 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

#### NO. 4211. JESSIE FOBES 5TH'S HELENA BURKE 56941.

JESSIE FOBES 5th's HELENA BURKE 4211 A. R. O. In 4 y. 5 m. 13 d., 13.443 lbs. fat.	{	De Kol Burke 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
				Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
		Jessie Fobes 5th 1496 A. R. O. In 9 y. 8 m. 2 d., 34.489 lbs. fat.		Aaltje Salo 3d's Tritomia Netherland 121 A. R.
				Jessie Fobes 19526.

Owned and bred by S. B. Jones & Son, Watertown, Wis. Calved September 29, 1900.

Official Butter Record: Dropped calf March 12, 1905, at 4 y. 5 m. 13 d. of age; commenced record March 30, 1905; closed record April 5; 7 days' production 13.443 lbs. butter fat; milk 439.5 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

#### NO. 4212. MYRA NETHERLAND HOMESTEAD 68833.

MYRA NETHERLAND HOMESTEAD 4212 A. R. O. In 2 y., 7.492 lbs. fat.	{	Homestead Jr. De Kol 342 A. R.	{	Paul De Kol Jr. 346 A. R.
				Homestead Heroine De Kol 3698 A. R. O. In 6 y. 1 m. 24 d., 14.693 lbs. fat.
		Myra Netherland 2326 A. R. O. In 5 y. 1 m. 26 d., 65.995 lbs. fat 30 d.		Aaltje Salo 3d's Tritomia Netherland 121 A. R.
				Rachel Jones 2d 2560 A. R. O. In 7 y. 1 d., 12.215 lbs. fat.

Owned and bred by S. B. Jones & Son, Watertown, Wis. Calved February 18, 1903.

Official Butter Record: Dropped calf February 18, 1905, at 2 y. of age; commenced record March 24, 1905; closed record March 31; 7 days' production 7.492 lbs. butter fat; milk 263.3 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

**LADY OAK 2D'S PIEBE DE KOL 2845 A. R. O. 58644.**

LADY OAK 2d's PIEBE DE KOL 2845 A. R. O. In 3 y. 11 m. 15 d., 59.569 lbs. fat 30 d.	{	Piebe De Kol Burke 165 A. R.	{ De Kol Burke 162 A. R.
			Piebe Queen 2d 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.
	{	Lady Oak 2d 1684 A. R. O. In 7 y. 2 m. 11 d., 17.189 lbs. fat.	{ Aaltje Salo 3d's Tritomia Netherland 121 A. R.
			Lady Oak 1939 A. R. O. In 8 y. 11 m. 16 d., 13.957 lbs. fat.

Owned by S. B. Jones & Son, Watertown, Wis.

[Entry of additional records. For previous records see Vol. XIV, page 261, Vol. XV, page 60.]

Fourth Official Butter Record: Dropped calf March 10, 1905, at 3 y. 11 m. 15 d. of age; commenced record March 25, 1905; closed record April 1; 7 days' production 14.284 lbs. butter fat; milk 378.6 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

**NO. 4213. LADY OAK DUCHESS 68832.**

LADY OAK DUCHESS 4213 A. R. O. In 1 y. 11 m. 21 d., 7.532 lbs. fat.	{	Duchess Ormsby Piebe Burke 335 A. R.	{ Piebe De Kol Burke 165 A. R.
			Duchess Ormsby 1432 A. R. O. In 9 y. 10 m. 14 d., 19.418 lbs. fat.
	{	Lady Oak 1939 A. R. O. In 8 y. 11 m. 16 d., 13.957 lbs. fat.	{ Duke of Wild Rose 163 A. R.
			Cora J. 19525.

Owned and bred by S. B. Jones & Son, Watertown, Wis. Calved March 14, 1903.

Official Butter Record: Dropped calf March 5, 1905, at 1 y. 11 m. 21 d. of age; commenced record March 29, 1905; closed record April 5; 7 days' production 7.532 lbs. butter fat; milk 209.9 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

**NO. 4214. RUBY DE KOL BURKE 65426.**

RUBY DE KOL BURKE 4214 A. R. O. In 2 y. 6 m. 10 d., 63.344 lbs. fat 30 d.	{	De Kol Burke 162 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
	{	Ruby O. Spofford 2041 A. R. O. In 8 y. 2 m. 15 d., 15.045 lbs. fat.	{ Amarilla's Veeman 19309.
			Sarah Winkel Spofford 29793.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by Charles Hunt, Delphi, N. Y. Calved July 13, 1902.



Official Butter Record: Dropped calf January 23, 1905, at 2 y. 6 m. 10 d. of age; commenced record February 17, 1905; closed record February 23; 7 days' production 16.101 lbs. butter fat; milk 461.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 23, 1905, at 2 y. 6 m. 10 d. of age; commenced record February 11, 10 p. m., 1905; closed record February 25, 4 p. m.; 14 days' production 31.110 lbs. butter fat; milk 902.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 23, 1905, at 2 y. 6 m. 10 d. of age; commenced record January 29, 1905; closed record February 27; 30 days' production 63.344 lbs. butter fat; milk 1,859.9 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**GRACIA WARD 2D 3062 A. R. O. 58645.**

GRACIA WARD 2d 3062 A. R. O. In 8 y. 9 m. 8 d., 75.401 lbs. fat 30 d.	{	De Kol Burke 162 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
	{	Gracia Ward 2323 A. R. O. In 3 y. 9 m. 24 d., 60.500 lbs. fat 26 d.	{ Aaltje Salo 3d's Tritomia Netherland 121 A. R. Bessie Ward 32289.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 142.]

Second Official Butter Record: Dropped calf January 5, 1905, at 3 y. 9 m. 8 d. of age; commenced record February 18, 1905; closed record February 24; 7 days' production 18.431 lbs. butter fat; milk 551.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 5, 1905, at 3 y. 9 m. 8 d. of age; commenced record February 10, 1905; closed record February 23; 14 days' production 35.915 lbs. butter fat; milk 1,085 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 5, 1905, at 3 y. 9 m. 8 d. of age; commenced record January 27, 1905; closed record February 25; 30 days' production 75.401 lbs. butter fat; milk 2,257.3 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**NO. 4215. RUBY QUEEN DE KOL 44765.**

RUBY QUEEN DE KOL 4215 A. R. O. In 8 y. 1 m. 10 d., 23.336 lbs. fat 14 d.	{	Netherland De Kol's Perfection 223 A. R.	{ Pietertje 2d's Koningin 93 A. R.
			Netherland De Kol 1006 A. R. P. In 2 y. 5 m. 21 d., 82 15-32 lbs. butter by churn 30 d.
	{	Shadeland Ruby 2d's Queen 753 A. R. P. In 2 y. 1 m. 4 d., 6,924 7/8 lbs. milk 8 m.	{ Netherland Conqueror 2476 H. H. B. Shadeland Ruby 2d 288 A. R. P. In 4 y. 7 m. 28 d., 11,764 1/4 lbs. milk 9 m.

Owned by F. H. Thomson & Son, Holland Patent, N. Y. Bred by George West, Syracuse, N. Y. Calved December 12, 1896.

Official Butter Record: Dropped calf January 22, 1905, at 8 y. 1 m. 10 d. of age; commenced record March 20, 1905; closed record March 26; 7 days' production 12.196 lbs. butter fat; milk 377.5 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 22, 1905, at 8 y. 1 m. 10 d. of age; commenced record March 13, 11 p. m., 1905; closed record March 26; 14 days' production 23.336 lbs. butter fat; milk 744.5 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

#### NO. 4216. DAISY FAIRVIEW DE KOL 57638.

DAISY FAIRVIEW DE KOL 4216 A. R. O. In 4 y. 3 m. 2 d., 20.697 lbs. fat 14 d.	{	Netherland Pietertje De Kol 21875.	{	Netherland De Kol's Perfection 223 A. R.
				Doetje Welling's De Kol 33691.
	{	Erix 4th's Shadeland Boon 2d 38652.	{	Shadeland Bruin 19601.
				Erix 4th's Shadeland Boon 27042.

Owned by F. H. Thomson & Son, Holland Patent, N. Y. Bred by Read Brothers, Poland, N. Y. Calved November 25, 1900.

Official Butter Record: Dropped calf February 27, 1905, at 4 y. 3 m. 2 d. of age; commenced record March 21, 11 p. m., 1905; closed record March 28, 5 p. m.; 7 days' production 10.849 lbs. butter fat; milk 359.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 27, 1905, at 4 y. 3 m. 2 d. of age; commenced record March 14, 5 p. m., 1905; closed record March 28, 11 a. m.; 14 days' production 20.697 lbs. butter fat; milk 692.9 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

#### NO. 4217. HOMESTEAD BELLE DE KOL NETHERLAND 59293.

HOMESTEAD BELLE DE KOL NETHERLAND 4217 A. R. O. In 3 y. 4 m. 20 d., 11.038 lbs. fat.	{	Homestead Netherland De Kol 25667.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
				Belle of Schillaard 3d 1564 A. R. O. In 9 y. 5 m. 10 d., 12.567 lbs. fat.
	{	Meadow De Kol 38978.	{	De Kol 2d's Queen's Pietertje 17067.
				Meadow Lily 5th 10383.

Owned by F. H. Thomson & Son, Holland Patent, N. Y. Bred by F. H. Thomson, Holland Patent, N. Y. Calved March 19, 1901.

Official Butter Record: Dropped calf March 9, 1905, at 3 y. 4 m. 20 d. of age; commenced record March 21, 11 p. m., 1905; closed record March 28, 5 p. m.; 7 days' production 11.088 lbs. butter fat; milk 307.7 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**NO. 4218. LADY DUCHESS LYONS 43418.**

LADY DUCHESS LYONS 4218 A. R. O. In 7 y. 10 m. 5 d., 16.361 lbs. fat.	{	Lady of Lyons 6th's Monk 21329.	{	Lady Fay's Monk 17253.
				Lady of Lyons 6th 17789.
	{	Duchess Lyons 2d 38217.	{	Ajax Lyons 20189.
				Duchess Lyons 31323.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by Esther A. Horr, Wellington, O. Calved April 10, 1897.

Official Butter Record: Dropped calf February 15, 1905, at 7 y. 10 m. 5 d. of age; commenced record March 20, 1905; closed record March 26; 7 days' production 16.361 lbs. butter fat; milk 550.9 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

**TIRZA PIETERTJE'S DE KOL 1399 A. R. O. 42226.**

TIRZA PIETERTJE DE KOL 1399 A. R. O. In 8 y. 8 m. 27 d., 16.029 lbs. fat.	{	Star's Paul De Kol 20340.	{	Paul De Kol 97 A. R.
				Star 21 A. R. P. In 5 y. 10 m. 29 d., 20 19-32 lbs. but- ter by churn.
	{	Tirza Pietertje 30191.	{	Dowager May's Pietertje Netherland 16261.
				Lida B. 20896.

Owned by R. M. Hotaling, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. IX, page 520.]

Second Official Butter Record: Dropped calf February 22, 1905, at 8 y. 8 m. 27 d. of age; commenced record March 18, 1905; closed record March 25; 7 days' production 16.029 lbs. butter fat; milk 538.9 lbs.

Attested by D. H. Cole and Abe Newman, California Agricultural Experiment Station.

**NADJESDA'S NADGY 3340 A. R. O. 51012.**

NADJESDA'S NADGY 3340 A. R. O. In 9 y. 9 m. 13 d., 14.200 lbs. fat.	{	Ant Poel's Prince of Wales 352 A. R.	{	Coyote Prince 9503.
				Ant Poel 912 A. R. P. In 6 y. 2 m. 21 d., 14 lbs. butter by churn.
	{	Nadjesda 14647.	{	Fillmore 6165.
				Jemima Mahomet 7409.

Owned by R. M. Hotaling, San Francisco, Cal.

[Entry of additional records. For previous records see Vol. XV, page 305.]

Third Official Butter Record: Dropped calf February 25, 1905, at 9 y. 9 m. 13 d. of age; commenced record March 19, 1905; closed record March 26; 7 days' production 14.200 lbs. butter fat; milk 527.8 lbs.

Attested by D. H. Cole, California Agricultural Experiment Station.

#### NO. 4219. PAULINE PRY OF SLEEPY HOLLOW 59288.

PAULINE PRY OF SLEEPY HOLLOW 4219 A. R. O. In 8 y. 4 m. 23 d., 14.712 lbs. fat.	{	Ant Poel's Prince of Wales 352 A. R.	{ Coyote Prince 9503.
			{ Ant Poel 912 A. R. P. In 6 y. 2 m. 21 d., 14 lbs. butter by churn.
	{	Fee Dee Lee Chee 51015.	{ Fillmore 6165. Crumple 7410.

Owned and bred by R. M. Hotaling, San Francisco, Cal. Calved October 16, 1896.

Official Butter Record: Dropped calf March 9, 1905, at 8 y. 4 m. 23 d. of age; commenced record March 16, 1905; closed record March 23; 7 days' production 14.712 lbs. butter fat; milk 449.5 lbs.

Attested by D. H. Cole and Abe Newman, California Agricultural Experiment Station.

#### NO. 4220. BUTTERCUP ONDINUS 67772.

BUTTERCUP ONDINUS 4220 A. R. O. In 7 y. 7 m. 20 d., 14.930 lbs. fat.	{	White Ondinus Shepard 351 A. R.	{ Nitalia's Ondinus 6910. Lady Shepard 1586 H.
	{	Butterfly's Choice 33282.	{ Tritomia 2d's Mercedes Prince 12122. Butterfly 461 A. R. P. In 10 y. 13 d., 624 lbs. milk 10 d.

Owned and bred by D. W. Field, Brockton, Mass. Calved July 26, 1897.

Description: Age, 7 y. 8 m. 23 d.; Fair dairy form; head, good; neck, good, long, thin; chine, good; loin and hips, good; rump, good; escutcheon, excellent; mammary veins, good, numerous; udder, large, capacious, quarters good, well proportioned; teats, excellent; handling, good; secretions of skin, oily; general appearance, good; height, shoulders 55 inches, hips 54.5; length, body 67; width, hips 24, thurl 22; girth 80.5; weight, 1,270 lbs.; examiner, Charles H. Filer; examined April 19, 1905.

Official Butter Record: Dropped calf March 16, 1905, at 7 y. 7 m. 20 d. of age; commenced record April 10, 11 p. m., 1905; closed record April 17, 5 a. m.; 7 days' production 14.930 lbs. butter fat; milk 483.4 lbs.

Attested by Charles H. Filer, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4221. JENNIE TOLSMAS ONDINUS 43946.**

JENNIE TOLSMAS ON- DINUS 4221 A. R. O. In 9 y. 12 d., 17.824 lbs. fat.	{	White Ondinus Shepard 351 A. R.	{	Nitalia's Ondinus 6910.
				Lady Shepard 1586 H.
	{	Jennie Tolsma 29746.	{	Netherland A. Wayne 9496.
				Belle Tolsma 584.

Owned by D. W. Field, Brockton, Mass. Bred by William Rankin, Brockton, Mass. Calved March 18, 1896.

Description: Age, 9 y. 1 m. 1 d.; excellent type of Holstein-Friesian cow; head, forehead dished, eyes prominent, good horns; neck, long, thin; chine, excellent; loin and hips, excellent, broad, spare fleshed; rump, good; escutcheon, good; mammary veins, excellent, large, numerous; udder, large, capacious, quarters good; handling, good; secretions of skin, oily, abundant; general appearance, excellent, well built; height, shoulders 54 inches, hips 54.5; length, body 65.5; width, hips 24.5, thurl 23.5; girth 80.5; weight, 1,360 lbs.; examiner, Charles H. Filer; examined April 19, 1905.

Official Butter Record: Dropped calf March 30, 1905, at 9 y. 12 d. of age; commenced record April 5, 11 a. m., 1905; closed record April 12, 5 a. m.; 7 days' production/7.824 lbs. butter fat; milk 461.6 lbs.

Attested by Charles H. Filer, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4222. PAULINE PLEDGE 57830.**

PAULINE PLEDGE 4222 A. R. O. In 4 y. 1 m. 22 d., 10.827 lbs. fat.	{	Homestead Hengerveld Paul De Kol 23681.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
				Princess De Kol 2d 37968.
	{	Lady Pledge 51198.	{	Lad of Pledge & Empress 198 A. R.
				Empress of Ondine 3d 12641.

Owned by N. F. Sholes, Earlville, N. Y. Bred by E. Wind, Oswego, N. Y. Calved December 17, 1900.

Official Butter Record: Dropped calf February 9, 1905, at 4 y. 1 m. 22 d. of age; commenced record March 31, 5 p. m., 1905; closed record April 7, 11 a. m.; 7 days' production 10.827 lbs. butter fat; milk 341.4 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.



**NO. 4223. DE KOL NETHERLAND PARTHENEAE 66401.**

DE KOL NETHERLAND PARTHENEAE 4223 A. R. O. In 3 y. 1 m. 25 d., 10.575 lbs. fat.	{	Norma De Kol 2d's Parthenea 254 A. R.	{	Nebraska Parthenea Sir Henry 24663.
				Norma De Kol 2d 42730.
	{	De Kol 2d's Netherland's Pauline 2868 A. R. O. In 4 y. 2 m. 21 d., 14.079 lbs. fat.	{	De Kol 2d's Netherland 118 A. R.
				Tryntje Paul 38613.

Owned by N. F. Sholes, Earlville, N. Y. Bred by Jonathan Wyckoff, Navarino, N. Y. Calved January 20, 1902.

Official Butter Record: Dropped calf March 15, 1905, at 3 y. 1 m. 25 d. of age; commenced record March 31, 5 p. m., 1905; closed record April 7, 11 a. m.; 7 days' production 10.575 lbs. butter fat; milk 292 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**AAGGIE GRACE MANOR JOSEPHINE 2876 A. R. O. 58714.**

AAGGIE GRACE MANOR JOSEPHINE 2876 A. R. O. In 3 y. 10 m. 14 d., 13.544 lbs. fat.	{	Aaggie Grace Sir De Kol 199 A. R.	{	Manor De Kol 130 A. R.
				Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
	{	Manor Star's Josephine 1960 A. R. O. In 3 y. 11 m. 7 d., 67.421 lbs. fat 30 d.	{	Manor Josephine De Kol 204 A. R.
				Manor Star 33067.

Owned by W. H. Grenell, Pierrepont Manor, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 26.]

Second Official Butter Record: Dropped calf February 25, 1905, at 3 y. 10 m. 14 d. of age; commenced record March 20, 11 a. m., 1905; closed record March 27, 5 a. m.; 7 days' production 13.544 lbs. butter fat; milk 458.8 lbs.

Attested by Archie Stone, Cornell University Agricultural Experiment Station.

**CORAL DE KOL'S PET 2435 A. R. O. 50982.**

CORAL DE KOL'S PET 2435 A. R. O. In 5 y. 10 m. 18 d., 16.272 lbs. fat.	{	Zur Lady's Pietertje Duke 206 A. R.	{	Inka's Pietertje Duke 141 A. R.
				Zur Lady 24581.
	{	Coral De Kol 36150.	{	Dora Barnum's De Kol 17063.
				Coral Burke 22918.

Owned by W. H. Grenell, Pierrepont Manor, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 31.]

Second Official Butter Record: Dropped calf February 26, 1905, at 5 y. 10 m. 18 d. of age; commenced record March 19, 5 a. m., 1905; closed record March 25, 11 p. m.; 7 days' production 16.272 lbs. butter fat; milk 491.9 lbs.

Attested by Archie Stone, Cornell University Agricultural Experiment Station.

**NO. 4224. HILDA DEROL 61636.**

HILDA DEROL, 4224 A. R. O. In 3 y. 4 m. 19 d., 11.567 lbs. fat.	Peter Henry Parthenea 27197.	Katie R's Henry Parthenea 22076. Volontis C. 37319.
	Anna Derol Hunchback 41644.	Meredith Maid's King 20560. Derol Hunchback 35334.

Owned by Mrs. H. H. Welch, Earlville, N. Y. Bred by Silas De Vol, Wells Bridge, N. Y. Calved October 23, 1901.

Official Butter Record: Dropped calf March 12, 1905, at 3 y. 4 m. 19 d. of age; commenced record March 31, 5 p. m., 1905; closed record April 7, 11 a. m.; 7 days' production 11.567 lbs. butter fat; milk 341.7 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**A. & G. DE KOL KONINGEN 2920 A. R. O. 55160.**

A. & G. DE KOL KONIN- GEN 2920 A. R. O. In 4 y. 5 m. 12 d., 14.779 lbs. fat.	A. & G. Butter King 153 A. R.	Mutual Friend 3d's Paul 148 A. R.
	De Kol Koningen Van Fries- land 1808 A. R. O. In 8 y. 5 m. 26 d., 16.580 lbs. fat.	Pieterij Hengerveld's Lady De Kol 2d 1452 A. R. O. In 3 y. 9 m., 12.919 lbs. fat. De Kol 2d's Netherland 118 A. R. Netherland Koningen 18839.

Owned by F. R. Hazard, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 62.]

Second Official Butter Record: Dropped calf March 19, 1905, at 4 y. 5 m. 12 d. of age; commenced record March 28, 10 p. m., 1905; closed record April 4, 4 p. m.; 7 days' production 14.779 lbs. butter fat; milk 438.8 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NO. 4225. MARY DE KOL WAYNE 61254.**

<b>MARY DE KOL WAYNE</b> 4225 A. R. O. In 2 y. 11 m. 5 d., 9.474 lbs. fat.	{	Barrington Mechthilde 28569.	{	Abbekerk Colantha Jewel 22352.
			{	Pauline Govers De Kol 45195.
	{	Elsie Wayne 42969.	{	Shadeland Rena's King 20943.
			{	Aaggie Wayne 3d's Pauline 36921.

Owned by F. R. Hazard, Syracuse, N. Y. Bred by V. W. Johnston, Clymer, Pa.  
Calved March 15, 1902.

Official Butter Record: Dropped calf February 20, 1905, at 2 y. 11 m. 5 d. of  
age; commenced record March 30, 10 p. m., 1905; closed record April 6, 4 p. m.;  
7 days' production 9.474 lbs. butter fat; milk 292.6 lbs.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**NO. 4226. MYRETTA DE KOL PIETERTJE 63990.**

<b>MYRETTA DE KOL PIE- TERTJE</b> 4226 A. R. O. In 2 y. 8 d., 9.648 lbs. fat.	{	Shadeland Paul De Kol 28165.	{	De Kol 2d's Paul De Kol 107 A. R.
			{	Shadeland Amber 2d 42142.
	{	Myretta Perfection Pietertje 47896.	{	Perfection's Royal Pietertje Netherland 247 A. R.
			{	Myretta 2d 28923.

Owned by E. E. Poole, Lincklaen Center, N. Y. Bred by O. G. Sawdey, Earlville,  
N. Y. Calved March 10, 1903.

Official Butter Record: Dropped calf March 18, 1905, at 2 y. 8 d. of age;  
commenced record March 31, 11 a. m., 1905; closed record April 7, 5 a. m.; 7  
days' production 9.648 lbs. butter fat; milk 301.3 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment  
Station.

**NO. 4227. LADY VINETTE 2D 60180.**

<b>LADY VINETTE</b> 2d 4227 A. R. O. In 2 y. 10 m. 20 d., 10.676 lbs. fat.	{	Zozo Colantha De Kol Pietertje 27630.	{	Zozo Colantha De Kol 25185.
			{	Sara Pietertje 32311.
	{	Lady Vinette 47526.	{	King Boon 22363.
			{	Vinette's Pet 2d 11338.

Owned by E. E. Poole, Lincklaen Center, N. Y. Bred by S. M. Bisbe, Randalls-ville, N. Y. Calved April 16, 1902.

Official Butter Record: Dropped calf March 6, 1905, at 2 y. 10 m. 20 d. of age; commenced record March 31, 5 a. m., 1905; closed record April 6, 11 p. m.; 7 days' production 10.676 lbs. butter fat; milk 320.1 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

#### NO. 4228. DE KOL CONCORDIA 68893.

DE KOL CONCORDIA 4228 A. R. O. In 1 y. 11 m. 11 d., 9.189 lbs. fat.	{	Sadie Vale Concordia's Paul De Kol 27392.	{ Paul De Kol 4th 127 A. R.
			{ Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 24 d., 176.420 lbs. fat 60 d.
	{	Hill Home De Kol 2d 56686.	{ Lamb De Kol Pietertje 218 A. R. Hill Home De Kol 52207.

Owned by E. E. Poole, Lincklaen Center, N. Y. Bred by C. F. Hunt, Manlius, N. Y. Calved March 29, 1903.

Official Butter Record: Dropped calf March 10, 1905, at 1 y. 11 m. 11 d. of age; commenced record March 28, 5 a. m., 1905; closed record April 3, 11 p. m.; 7 days' production 9.189 lbs. butter fat; milk 288 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

#### NO. 4229. LEONIA CLOTHILDE DE KOL 59980.

LEONIA CLOTHILDE DE KOL 4229 A. R. O. In 2 y. 11 m. 6 d., 8.941 lbs. fat.	{	De Kol Clothilde Netherland King 26208.	{ De Kol 2d's Paul De Kol King 23237.
			{ Bess Clothilde Netherland 1923 A. R. O. In 5 y. 3 m. 16 d., 13.826 lbs. fat.
	{	Leonia Tweede Netherland 2d 51539.	{ Winana's Pietertje Clothilde 25433. Leonia Tweede Netherland 1758 A. R. O. In 3 y. 11 m. 5 d., 10.896 lbs. fat.

Owned by E. E. Poole, Lincklaen Center, N. Y. Bred by O. G. Sawdey, Earlville, N. Y. Calved April 1, 1902.

Official Butter Record: Dropped calf March 7, 1905, at 2 y. 11 m. 6 d. of age; commenced record March 28, 5 p. m., 1905; closed record April 4, 11 a. m.; 7 days' production 8.941 lbs. butter fat; milk 286.5 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4230. MECHTHILDE MAID CLOTHILDE 58215.**

MECHTHILDE MAID CLOTHILDE 4230 A. R. O. In 3 y. 9 m. 13 d., 13.823 lbs. fat.	{	Clothilde De Witt 22539.	{	Netherland Aaggie Clothilde 21836.
				Emperor De Witt's Nitta 35585.
	{	Mechthilde Maid of Wood- lawn 4239 A. R. O. In 7 y. 10 m. 11 d., 13.945 lbs. fat.	{	Sir Inka Mechthilde 185 A. R.
				Winsome Maid of Woodlawn 2049 A. R. O. In 7 y. 11 m. 12 d., 13.827 lbs. fat.

Owned by A. O. Poole, Lincklaen Center, N. Y. Bred by A. B. Hilton, Saratoga Springs, N. Y. Calved June 12, 1901.

Official Butter Record: Dropped calf March 25, 1905, at 3 y. 9 m. 13 d. of age; commenced record March 31, 5 p. m., 1905; closed record April 7, 11 a. m.; 7 days' production 13.823 lbs. butter fat; milk 380 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4231. ANNA HUIZUMER'S ANTJE PRINCESS 41720.**

ANNA HUIZUMER'S ANT- JE PRINCESS 4231 A. R. O. In 8 y. 11 m. 13 d., 16.037 lbs. fat.	{	Antje Boy 18395.	{	Antivolo 11920.
				Antje Santema 948 D. F.
	{	Anna Huizumer 25029.	{	Ykema Huizumer 4713.
				Anna Wassenaar 949 D. F.

Owned by J. H. Johnson, Farmington, Mich. Bred by Edwin S. Sherrill, Detroit, Mich. Calved March 23, 1896.

Official Butter Record: Dropped calf March 6, 1905, at 8 y. 11 m. 13 d. of age; commenced record April 11, 1905; closed record April 17; 7 days' production 16.037 lbs. butter fat; milk 434 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**NO. 4232. CALAMITY MERCEDES PAULINE DE KOL 63918.**

CALAMITY MERCEDES PAULINE DE KOL 4232 A. R. O. In 2 y. 11 m. 13 d., 11.254 lbs. fat.	{	Calamity Jane's Paul A. 353 A. R.	{	Calamity Jane's Paul 146 A. R.
				Pauline Fairmount 1408 A. R. O. In 2 y. 1 m., 8.316 lbs. fat.
	{	Aaggie Mercedes Pauline De Kol 55479.	{	Aaggie Wayne Sir Paul De Kol 25408.
				Free Silver Mercedes 41718.



Owned by J. H. Johnson, Farmington, Mich. Bred by Roberts & Johnson, Farmington, Mich. Calved March 30, 1902.

Official Butter Record: Dropped calf March 13, 1905, at 2 y. 11 m. 13 d. of age; commenced record April 10, 1905; closed record April 16; 7 days' production 11.254 lbs. butter fat; milk 291.2 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

#### NO. 4233. CALAMITY PAULINE PAUL 63919.

CALAMITY PAULINE PAUL 4233 A. R. O. In 2 y. 11 m. 13 d., 10.296 lbs. fat.	{	Calamity Jane's Paul A. 353 A. R.	{	Calamity Jane's Paul 146 A. R.
				Pauline Fairmount 1408 A. R. O. In 2 y. 1 m., 8.316 lbs. fat.
		Winnie R. 3d 38078.	{	Rock Maple 18861.
				Winnie R. 1305 A. R. P. In 5 y. 11 m. 19 d., 17,502 lbs. milk 1 y.

Owned and bred by J. H. Johnson, Farmington, Mich. Calved April 5, 1902.

Official Butter Record: Dropped calf March 18, 1905, at 2 y. 11 m. 13 d. of age; commenced record April 13, 1905; closed record April 19; 7 days' production 10.296 lbs. butter fat; milk 307 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

#### NO. 4234. AAGGIE WAYNE PAULINE DE KOL 58325.

AAGGIE WAYNE PAUL- INE DE KOL 4234 A. R. O. In 4 y. 2 m. 7 d., 14.593 lbs. fat.	{	Aaggie Wayne Sir Paul De Kol 25408.	{	De Kol 2d's Paul De Kol 107 A. R.
				Aaggie Cornucopia 3d 1175 A. R. O. In 10 y. 24 d., 19.612 lbs. fat.
		Anna Huizumer's Antje Prin- cess 4231 A. R. O. In 8 y. 11 m. 13 d., 16.037 lbs. fat.	{	Antje Boy 18395.
				Anna Huizumer 25029.

Owned by J. H. Johnson, Farmington, Mich. Bred by Roberts & Johnson, Farmington, Mich. Calved January 16, 1901.

Official Butter Record: Dropped calf March 23, 1905, at 4 y. 2 m. 7 d. of age; commenced record April 13, 1905; closed record April 19; 7 days' production 14.593 lbs. butter fat; milk 439.5 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**NO. 4235. NANNETTE FRIEND 65331.**

NANNETTE FRIEND 4235 A. R. O. In 2 y. 5 m. 19 d., 8.905 lbs. fat.	{	Mutual Friend 3d's Paul 148 A. R.	{	Paul De Kol 97 A. R.
		Nannette 3d's Pledge 2d 1448 A. R. O. In 4 y. 10 m. 18 d., 17.743 lbs. fat.		Mutual Friend 3d 1119 A. R. O. In 4 y. 3 m. 8 d., 18.265 lbs. fat.
			{	Clothilde Monk 19202.
			{	Nannette 3d's Pledge 1138 A. R. O. In 4 y. 11 m. 13 d., 17.470 lbs. fat.

Owned by Grant B. Low, New Berlin, N. Y. Bred by T. A. Mitchell, Weedsport, N. Y. Calved August 24, 1902.

Official Butter Record: Dropped calf February 13, 1905, at 2 y. 5 m. 19 d. of age; commenced record March 27, 1905; closed record April 3; 7 days' production 8.905 lbs. butter fat; milk 282.9 lbs.

Attested by Frank R. Barnard and Floyd H. Ryan, Cornell University Agricultural Experiment Station.

**NO. 4236. PRINCESS JAMAICA DE KOL 69653.**

PRINCESS JAMAICA DE KOL 4236 A. R. O. In 3 y. 21 d., 11.657 lbs. fat.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
		Ilma Netherland Princess 67615.		Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
			{	Artis Jamaica Prince 25307.
			{	Ilma's Netherland Maid 32470.

Owned by F. M. Bullis, Sherburne, N. Y. Bred by E. C. Brill, Poughquag, N. Y. Calved February 11, 1902.

Official Butter Record: Dropped calf March 2, 1905, at 3 y. 21 d. of age; commenced record April 6, 11 a. m., 1905; closed record April 13, 5 a. m.; 7 days' production 11.657 lbs. butter fat; milk 266.6 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**NO. 4237. LADOGA SORA PAUL DE KOL 70382.**

LADOGA SORA PAUL DE KOL 4237 A. R. O. In 1 y. 10 m. 17 d., 9.975 lbs. fat.	{	De Kol 2d's Paul De Kol King D. 282 A. R.	{	De Kol 2d's Paul De Kol King 23237.
		Netherland Pietertje Ladoga Sora 3455 A. R. O. In 7 y. 1 m. 21 d., 14.051 lbs. fat.		Lady Paul De Kol Wayne 2061 A. R. O.
			{	Shadeland Boon's Critic 21585.
			{	Netherland Pietertje Ladoga 29046.

Owned and bred by J. M. Howard, Sherburne, N. Y. Calved May 7, 1903.

Official Butter Record: Dropped calf March 24, 1905, at 1 y. 10 m. 17 d. of age; commenced record April 5, 5 a. m., 1905; closed record April 11, 11 p. m.; 7 days' production 9.975 lbs. butter fat; milk 238.3 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**NO. 4238. SHADELAND ZUBA 2D 47940.**

SHADELAND ZUBA 2d 4238 A. R. O. In 7 y. 1 m. 16 d., 14.602 lbs. fat.	{	Floa 3d's Duke 23079.	{	Floa's Prince 20898.
		Shadeland Zuba 41836.		Floa 3d 2211 A. R. O. In 10 y. 5 m. 6 d., 12.532 lbs. fat.
			{	Shadeland Boon's Critic 21585.
			{	Netherland Pietertje Ladoga 29046.

Owned and bred by J. M. Howard, Sherburne, N. Y. Calved February 10, 1898.

Official Butter Record: Dropped calf March 26, 1905, at 7 y. 1 m. 16 d. of age; commenced record April 8, 5 a. m., 1905; closed record April 14, 11 p. m.; 7 days' production 14.602 lbs. butter fat; milk 427.2 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**ELEANOR LADYVINE 3459 A. R. O. 51563.**

ELEANOR LADYVINE 3459 A. R. O. In 5 y. 11 m. 15 d., 14.103 lbs. fat.	{	Josh Pietertje 2d 23917.	{	Josh Pietertje 22414.
		Eleanor Stella 35972.		Eleanor Daisy 40426.
			{	Shadeland Jock 14273.
			{	Eleanor Cassie 25668.

Owned by R. Kutschbach, Sherburne, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 376.]

Second Official Butter Record: Dropped calf March 12, 1905, at 5 y. 11 m. 15 d. of age; commenced record April 5, 5 a. m., 1905; closed record April 11, 11 p. m.; 7 days' production 14.103 lbs. butter fat; milk 383.6 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**NO. 4239. MECHTHILDE MAID OF WOODLAWN 43154.**

MECHTHILDE MAID OF WOODLAWN 4239 A. R. O. In 7 y. 10 m. 11 d., 13.945 lbs. fat.	{	Sir Inka Mechthilde 185 A. R.	{	Tirania's Sir Mechthilde 16469.
				Pietertje Inka Darkness 24463.
	{	Winsome Maid of Woodlawn 2049 A. R. O. In 7 y. 11 m. 12 d., 13.827 lbs. fat.	{	Blocky Scott 16630.
				Winsome Maid 3d 6516.

Owned by W. W. Cheney, Manlius, N. Y. Bred by A. B. Hilton, Saratoga Springs, N. Y. Calved April 14, 1897.

Official Butter Record: Dropped calf February 25, 1905, at 7 y. 10 m. 11 d. of age; commenced record April 11, 1905; closed record April 17; 7 days' production 13.945 lbs. butter fat; milk 414.9 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**NO. 4240. MISS NANCY PAUL 56284.**

MISS NANCY PAUL, 4240 A. R. O. In 4 y. 12 d., 12.835 lbs. fat.	{	Sir William Paul 25965.	{	McKinley Paul 316 A. R.
				Shadeland Ruby De Kol 3233 A. R. O. In 6 y. 2 m., 13.152 lbs. fat.
	{	Edna Shadeland Pauline 47792.	{	Neta Paul's Son 22125.
				Edna of Shadeland 5th 14865.

Owned and bred by W. W. Cheney, Manlius, N. Y. Calved March 15, 1901.

Official Butter Record: Dropped calf March 27, 1905, at 4 y. 12 d. of age; commenced record April 11, 1905; closed record April 17; 7 days' production 12.835 lbs. butter fat; milk 336.2 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**NO. 4241. FLORODORA 56336.**

FLORODORA 4241 A. R. O. In 4 y. 2 m. 9 d., 14.541 lbs. fat.	{	Sir Ekster Mechthilde 26617.	{	Sir Mechthilde Parthena 21553.
				Ekster 2d B. 9121.
	{	Mechthilde Colantha Jewel 47011.	{	Jewel 6th's Colanthus 18301.
				Echo Jewel Mechthilde 27051.

Owned by W. W. Cheney, Manlius, N. Y. Bred by William Rood, Binghamton, N. Y. Calved January 25, 1901.

Official Butter Record: Dropped calf April 4, 1905, at 4 y. 2 m. 9 d. of age; commenced record April 13, 12.30 p. m., 1905; closed record April 20, 4 a. m.; 7 days' production 14.541 lbs. butter fat; milk 398.7 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**NO. 4242. AAGGIE QUEEN DE KOL 70429.**

AAGGIE QUEEN DE KOL 4242 A. R. O. In 1 y. 11 m. 20 d., 8.063 lbs. fat.	{	De Kol 2d's Netherland Jr. 26139.	{	De Kol 2d's Netherland 118 A. R.
		Aaggie Sir Jewel Queen 50684.		De Kol Koningen Van Fries- land 1808 A. R. O. In 8 y. 5 m. 26 d., 16.580 lbs. fat.
			{	Aaggie Wayne Sir Jewel 24688.
			{	Carl Queen 46547.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by Richard Hicks,  
Auburn, N. Y. Calved March 31, 1903.

Official Butter Record: Dropped calf March 21, 1905, at 1 y. 11 m. 20 d.  
of age; commenced record April 9, 10 a. m., 1905; closed record April 16, 4 a. m.;  
7 days' production 8.063 lbs. butter fat; milk 246.3 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment  
Station.

**NO. 4243. SALLY HARK 58486.**

SALLY HARK 4243 A. R. O. In 4 y. 1 d., 13.911 lbs. fat.	{	Segis Inka's De Kol 23394.	{	Paul Beets De Kol 118 A. R.
		Lady Hark 27669.		Segis Inka 1376 A. R. O. In 9 y. 5 m. 16 d., 83.586 lbs. fat 30 d.
			{	Mike Muldoon 14074.
			{	Hark 4284 A. R. O. In 18 y. 10 m. 21 d., 13.611 lbs. fat.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by E. W. Ecker,  
Hartfield, N. Y. Calved March 12, 1901.

Official Butter Record: Dropped calf March 13, 1905, at 4 y. 1 d. of age;  
commenced record March 25, 4 p. m., 1905; closed record April 1, 10 a. m.; 7  
days' production 13.911 lbs. butter fat; milk 431.4 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment  
Station.

**NO. 4244. JESSIE FOBES HOMESTEAD DE KOL 65000.**

JESSIE FOBES HOME- STEAD DE KOL 4244 A. R. O. In 2 y. 8 m. 14 d., 25.759 lbs. fat 14 d.	{	Homestead Jr. De Kol 342 A. R.	{	Paul De Kol Jr. 346 A. R.
		Jessie Fobes 4th's Butter Diploma 3065 A. R. O. In 3 y. 9 m. 12 d., 13.420 lbs. fat.		Homestead Heroine De Kol 3698 A. R. O. In 6 y. 1 m. 24 d., 14.693 lbs. fat.
			{	De Kol Burke 162 A. R.
			{	Jessie Fobes 4th 1907 A. R. O. In 6 y. 9 m. 28 d., 18.036 lbs. fat.



Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by S. B. Jones & Son, Hustisford, Wis. Calved May 3, 1905.

Official Butter Record: Dropped calf February 7, 1905, at 2 y. 8 m. 14 d. of age; commenced record March 1, 4 p. m., 1905; closed record March 8, 10 a. m.; 7 days' production 13.153 lbs. butter fat; milk 405.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 7, 1905 at 2 y. 8 m. 14 d. of age; commenced record March 1, 10 a. m., 1905; closed record March 15, 4 a. m.; 14 days' production 25.759 lbs. butter fat; milk 818.5 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

#### NO. 4245. MARTHA DOWAGER 54469.

MARTHA DOWAGER 4245 A. R. O. In 5 y. 27 d., 32.082 lbs. fat 14 d.	{	Prince Daisy Mechthilde 244 A. R.	{	Mechthilde's Sir Henry of Maplewood 201 A. R.
				Daisy Sindt 1217 A. R. O. In 4 y. 6 m. 24 d., 16.530 lbs. fat.
	{	Mercedes Dowager 15983.	{	Mercedes Prince 2d 3066 H.
				Fairlawn Princess 3787.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by J. R. Elliott, Woodward, Ia. Calved January 11, 1900.

Official Butter Record: Dropped calf February 8, 1905, at 5 y. 27 d. of age; commenced record March 11, 4 p. m., 1905; closed record March 18, 10 a. m.; 7 days' production 16.417 lbs. butter fat; milk 537.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 8, 1905, at 5 y. 27 d. of age; commenced record March 4, 4 p. m., 1905; closed record March 18, 10 a. m.; 14 days' production 32.082 lbs. butter fat; milk 1,029 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

#### NO. 4246. HENGERVELD DUCHESS DE KOL 53425.

HENGERVELD DUCHESS DE KOL 4246 A. R. O. In 5 y. 3 m. 4 d., 16.284 lbs. fat.	{	Emerald Hengerveld De Kol 356 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
				Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
	{	Beauty Clothilde Duchess 43964.	{	Netherland Duchess Clothilde 3d 20953.
				White Tail 1862.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved November 8, 1899.

Official Butter Record: Dropped calf February 12, 1905, at 5 y. 3 m. 4 d. of age; commenced record February 28, 4 p. m., 1905; closed record March 7, 10 a. m.; 7 days' production 16.284 lbs. butter fat; milk 469.8 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

### AAGGIE TOPSY DE KOL 2D 3447 A. R. O. 63515.

AAGGIE TOPSY DE KOL 2d 3447 A. R. O. In 3 y. 14 d., 28.492 lbs. fat 14 d.	{	De Kol 2d's Mutual Paul 152 A. R.	{	Mutual Friend 3d's Paul 148 A. R.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Aaggie Topsy De Kol 2310 A. R. O. In 4 y. 10 m. 20 d., 78.662 lbs. fat 30 d.	{	Pietertje Alban De Kol 173 A. R.
			{	Aaggie Grace's Boy's Topsy 1280 A. R. O. In 8 y. 13 d., 13.800 lbs. fat.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 366.]

Second Official Butter Record: Dropped calf March 1, 1905, at 3 y. 14 d. of age; commenced record March 12, 1905; closed record March 18; 7 days' production 14.777 lbs. butter fat; milk 452.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 1, 1905, at 3 y. 14 d. of age; commenced record March 8, 10 p. m.; closed record March 22, 4 p. m.; 14 days' production 28.492 lbs. butter fat; milk 896.8 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

### ATLA 3D 2721 A. R. O. 50172.

ATLA 3d 2721 A. R. O. In 6 y. 4 m. 26 d., 16.721 lbs. fat.	{	Admiral De Kol 216 A. R.	{	De Kol 2d's Alban 114 A. R.
			{	Meadow Lily 5th's De Kol 30167.
	{	Atla 38568.	{	Gelsche 2d's Hamilton 18178.
			{	Urma 2d B. 26079.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 183.]

Second Official Butter Record: Dropped calf March 18, 1905, at 6 y. 4 m. 26 d. of age; commenced record March 31, 4 a. m., 1905; closed record April 6, 10 p. m.; 7 days' production 16.721 lbs. butter fat; milk 487.3 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**MILDRED DE KOL 2D'S QUEEN 1862 A. R. O. 42965.**

MILDRED DE KOL 2d's QUEEN 1862 A. R. O. In 7 y. 6 m. 28 d., 13.409 lbs. fat.	{	Harry De Kol 22093.	{	Netherland De Kol's Pietertje 287 A. R.
		Mildred De Kol 2d 39094.	{	Coriander 2d 450 A. R. P. In 2 y. 10 m. 4 d., 8,768¾ lbs. milk 7 m. 20 d.
			{	Count Clothilde 9915.
			{	Mildred De Kol 19724.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XI, page 81.]

Second Official Butter Record: Dropped calf March 29, 1905, at 7 y. 6 m. 28 d. of age; commenced record April 8, 4 a. m., 1905; closed record April 14, 10 p. m.; 7 days' production 13.409 lbs. butter fat; milk 429.3 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**DE KOL KONINGEN PAULINE 1661 A. R. O. 44012.**

DE KOL KONINGEN PAULINE 1661 A. R. O. In 7 y. 2 m. 8 d., 18.641 lbs. fat.	{	De Kol 2d's Netherland 118 A. R.	{	Netherland Alban 34 A. R.
		Koningen Pauline 34811.	{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	Zozo's Netherland Paul 15420.
			{	Netherland Van Koningen 22977.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XI, page 71, Vol. XIV, page 183.]

Third Official Butter Record: Dropped calf February 3, 1905, at 7 y. 2 m. 8 d. of age; commenced record February 18, 10 p. m., 1905; closed record February 25, 4 p. m.; 7 days' production 18.641 lbs. butter fat; milk 575 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**MAID MUTUAL DE KOL 3431 A. R. O. 60210.**

MAID MUTUAL DE KOL 3431 A. R. O. In 3 y. 9 m. 25 d., 80.235 lbs. fat 30 d.	{	De Kol 2d's Mutual Paul 152 A. R.	{	Mutual Friend 3d's Paul 148 A. R.
		Rowena Maid 2d's B. 2772 - A. R. O. In 4 y. 11 m. 29 d., 20.495 lbs. fat.	{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	Admiral De Kol 216 A. R.
			{	Rowena Maid 2d 2853 A. R. O. In 7 y. 10 m. 9 d., 12.516 lbs. fat.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 356.]

Second Official Butter Record: Dropped calf January 31, 1905, at 3 y. 9 m. 25 d. of age; commenced record February 17, 10 a. m., 1905; closed record February 23, 4 a. m.; 7 days' production 20.406 lbs. butter fat; milk 588.8 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 31, 1905, at 3 y. 9 m. 25 d. of age; commenced record February 6, 10 a. m., 1905; closed record March 8, 4 a. m.; 30 days' production 80.235 lbs. butter fat; milk 2,341.1 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

#### MUTUAL DAISY DE KOL 2936 A. R. O. 60208.

MUTUAL DAISY DE KOL 2936 A. R. O. In 3 y. 8 m. 14 d., 26.696 lbs. fat 14 d.	{	De Kol 2d's Mutual Paul 152 A. R.	{	Mutual Friend 3d's Paul 148 A. R.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Midland Daisy 18726.		Gelsche's 2d Lad 466 D. F. Vrouwkje of Hijlaard 2d 1666 D. F.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 70.]

Second Official Butter Record: Dropped calf February 4, 1905, at 3 y. 8 m. 14 d. of age; commenced record March 5, 4 p. m., 1905; closed record March 12, 10 a. m.; 7 days' production 13.741 lbs. butter fat; milk 436.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 4, 1905, at 3 y. 8 m. 14 d. of age; commenced record February 26, 4 p. m., 1905; closed record March 12, 10 a. m.; 14 days' production 26.696 lbs. butter fat; milk 856.8 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

#### PAULINE DE KOL MUTUAL FRIEND 3433 A. R. O. 61880.

PAULINE DE KOL MU- TUAL FRIEND 3433 A. R. O. In 3 y. 20 d., 29.907 lbs. fat 14 d.	{	De Kol 2d's Mutual Paul 152 A. R.	{	Mutual Friend 3d's Paul 148 A. R.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		De Kol Koningen Pauline 1661 A. R. O. In 7 y. 2 m. 8 d., 18.641 lbs. fat.		De Kol 2d's Netherland 118 A. R. Koningen Pauline 34811.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 359.]

Second Official Butter Record: Dropped calf March 13, 1905, at 3 y. 20 d. of age; commenced record March 22, 1905; closed record March 28; 7 days' production 15.636 lbs. butter fat; milk 429.6 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 13, 1905, at 3 y. 20 d. of age; commenced record March 20, 1905; closed record April 2; 14 days' production 29.907 lbs. butter fat; milk 860.9 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

### PONTIAC LUNDE HENGERVELD 3668 A. R. O. 51585.

PONTIAC LUNDE HENG- ERVELD 3668 A. R. O. In 5 y. 4 d., 91.857 lbs. fat 30 d.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
			Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.	
	{	Lunde Beauty 1155 A. R. O. In 1 y. 11 m. 17 d., 9.473 lbs. fat.	{	Prince of Ninety 15243.
				{

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XVI, page 78.]

Official Butter Record: Dropped calf March 5, 1905, at 5 y. 4 d. of age; commenced record March 25, 1905; closed record March 31; 7 days' production 22.730 lbs. butter fat; milk 559.8 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf March 5, 1905, at 5 y. 4 d. of age; commenced record March 13, 1905; closed record April 11; 30 days' production 91.857 lbs. butter fat; milk 2,405.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 5, 1905, at 5 y. 4 d. of age; commenced record March 17, 10 a. m., 1905; closed record March 31, 4 a. m.; 14 days' production 44.283 lbs. butter fat; milk 1,121.5 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

### MANOR DE KOL LADY BURKE 2311 A. R. O. 48069.

MANOR DE KOL LADY BURKE 2311 A. R. O. In 6 y. 5 m., 17.751 lbs. fat.	{	Manor De Kol 130 A. R.	{	De Kol 2d's Netherland 118 A. R.
			Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.	
	{	Barbara Burke 43410.	{	Nellie Burke 2d's De Kol 23596.
			Nellie Burke 2d 5746.	



Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 211, Vol. XIV, page 268.]

Third Official Butter Record: Dropped calf February 20, 1905, at 6 y. 5 m. of age; commenced record March 3, 10 a. m., 1905; closed record March 10, 4 a. m.; 7 days' production 17.751 lbs. butter fat; milk 502.7 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

#### NO. 4247. SUSIE JUDITH DE KOL 50874.

SUSIE JUDITH DE KOL  
4247 A. R. O. In 6 y. 4  
d., 15.824 lbs. fat.

Segis Inka's De Kol 23394.

{ Paul Beets De Kol 113 A. R.

{ Segis Inka 1376 A. R. O. In  
9 y. 5 m. 16 d., 83.586 lbs.  
fat 30 d.

{ Mollie Tirania Judith 43244.

{ Sir Tirania Mechthilde  
Yankee 21140.

{ Rosa Judith 39450.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by E. W. Ecker, Hartfield, N. Y. Calved March 4, 1899.

Official Butter Record: Dropped calf March 8, 1905, at 6 y. 4 d. of age; commenced record March 21, 10 p. m., 1905; closed record March 28, 4 p. m.; 7 days' production 15.824 lbs. butter fat; milk 471.2 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

#### NO. 4248. ESTHER PIEBE DE KOL 2D 66791.

ESTHER PIEBE DE KOL  
2d 4248 A. R. O. In 2 y.  
5 m. 12 d., 9.225 lbs. fat.

{ Homestead Jr. De Kol 342  
A. R.

{ Paul De Kol Jr. 346 A. R.

{ Homestead Heroine De Kol  
3698 A. R. O. In 6 y. 1  
m. 24 d., 14.693 lbs. fat.

{ Esther Piebe De Kol 2557 A.  
R. O. In 1 y. 11 m. 16 d.,  
7.440 lbs. fat.

{ Piebe De Kol Burke 165  
A. R.

{ Esther Cleveland 2818 A. R.  
O. In 7 y. 9 m. 13 d.,  
12.285 lbs. fat.

Owned and bred by S. B. Jones & Son, Watertown, Wis. Calved September 28, 1902.

Official Butter Record: Dropped calf March 10, 1905, at 2 y. 5 m. 12 d. of age; commenced record March 25, 1905; closed record March 31; 7 days' production 9.225 lbs. butter fat; milk 324.4 lbs.

Attested by Frank Stark, Wisconsin Agricultural Experiment Station.

**NO. 4249. CLELIA 2D 65130.**

CLELIA 2d 4249 A. R. O.  
In 2 y. 6 m. 17 d., 10.688  
lbs. fat.

{ Ahwaga Monk 25971.

{ Plum 4th's Clothilde Monk  
22130.

{ Lady Heloma 3d 40967.

{ Clelia 39046.

{ Gelsche 2d's Hamilton 18178.

{ Sieglinda 2d A. 26069.

Owned by G. F. Blewer, Weltonville, N. Y. Bred by E. H. Miller, Oswego, N. Y. Calved July 4, 1902.

Official Butter Record: Dropped calf January 21, 1905, at 2 y. 6 m. 17 d. of age; commenced record March 24, 5 a. m., 1905; closed record March 30, 9 p. m.; 7 days' production 10.688 lbs. butter fat; milk 347.8 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**NO. 4250. TEHEE GLITKA DE KOL 67399.**

TEHEE GLITKA DE KOL  
4250 A. R. O. In 2 y. 3  
m., 18.354 lbs. fat.

{ Tehee Paul De Kol 26867.

{ Paul Beets De Kol 113 A. R.

{ Tehee Clothilde 1378 A. R.  
O. In 2 y. 1 m. 20 d.,  
8.107 lbs. fat.

{ Glitka 3d A. 31087.

{ Meissel 9458.

{ Glitka 3d 16158.

Owned and bred by G. F. Blewer, Weltonville, N. Y. Calved December 18, 1902.

Official Butter Record: Dropped calf March 18, 1905, at 2 y. 3 m. of age; commenced record March 25, 1 p. m., 1905; closed record April 1, 5 a. m.; 7 days' production 9.011 lbs. butter fat; milk 282.9 lbs.

Second Official Butter Record: Dropped calf March 18, 1905, at 2 y. 3 m. of age; commenced record April 29, 1905; closed record May 5; 7 days' production 9.405 lbs. butter fat; milk 317 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 18, 1905, at 2 y. 3 m. of age; commenced record April 25, 1905; closed record May 8; 14 days' production 18.354 lbs. butter fat; milk 626.1 lbs.

Attested by D. C. Stanion and G. W. Allen, Cornell University Agricultural Experiment Station.

**RIVERVIEW GLITKA 3439 A. R. O. 51017.**

RIVERVIEW GLITKA 3439  
A. R. O. In 6 y. 12 d.,  
28.531 lbs. fat 14 d.

{ Admiral De Kol 216 A. R.

{ De Kol 2d's Alban 114 A. R.

{ Meadow Lily 5th's De Kol  
30167.

{ Glitka 3d A. 31087.

{ Meissel 9458.

{ Glitka 3d 16158.

Owned by G. F. Blewer, Weltonville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 363.]

Second Official Butter Record: Dropped calf March 5, 1905, at 6 y. 12 d. of age; commenced record March 25, 1 p. m., 1905; closed record April 1, 5 a. m.; 7 days' production 14.786 lbs. butter fat; milk 470.1 lbs.

Third Official Butter Record: Dropped calf March 5, 1905, at 6 y. 12 d. of age; commenced record May 3, 1905; closed record May 9, 7 days' production 15.699 lbs. butter fat; milk 504.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 5, 1905, at 6 y. 12 d. of age; commenced record April 25, 1905; closed record May 8; 14 days' production 28.531 lbs. butter fat; milk 1,011 lbs.

Attested by D. C. Stanion and G. W. Allen, Cornell University Agricultural Experiment Station.

#### LADY COLANTHA 3441 A. R. O. 46961.

LADY COLANTHA 3441 A.  
R. O. In 7 y. 3 m. 6 d.,  
13.199 lbs. fat.

{ Sir John R. 21094.

{ Jewel 6th's Colanthus 18301.

{ Marjo of the Oaks 30788.

{ Lady Crusoe 10875.

{ Robinson Crusoe 1471 H.

{ Lady Tompkins 3370 H.

Owned by G. F. Blewer, Weltonville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 363.]

Second Official Butter Record: Dropped calf January 25, 1905, at 7 y. 3 m. 6 d. of age; commenced record March 25, 1 p. m., 1905; closed record April 1, 5 a. m.; 7 days' production 13.199 lbs. butter fat; milk 367.7 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

#### NO. 4251. CRONEKE 42538.

CRONEKE 4251 A. R. O.  
In 11 y. 8 m. 27 d., 12.927  
lbs. fat.

{ Netherland Zeno 17279.

{ Netherland Remus 6276.

{ Venice Crusoe 9229.

{ Crokey 15240.

{ Venice Prince 2134.

{ Cad 2474 H.

Owned by G. F. Blewer, Weltonville, N. Y. Bred by T. Shults, Freeville, N. Y.  
Calved May 1, 1893.

Official Butter Record: Dropped calf January 28, 1905, at 11 y. 8 m. 27 d. of age; commenced record March 25, 1 p. m., 1905; closed record April 1, 5 a. m.; 7 days' production 12.927 lbs. butter fat; milk 390 lbs.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**NO. 4252. RIK OAKLAND 61279.**

<b>RIK OAKLAND 4252 A. R.</b> O. In 3 y. 3 m. 17 d., 12.383 lbs. fat.	{	Oakland Paul Bobbet 27560.	{	Mutual Friend 3d's Paul 148 A. R.
		Rik Friesland Pietertje 42786.	{	Betsey Bobbet 3d's Last 1467 A. R. O. In 3 y. 2 d., 11.394 lbs. fat.
			{	Sir Netherland Pietertje 20344.
			{	Rik Friesland 24362.

Owned and bred by Stanton Osterhout, Cobleskill, N. Y. Calved November 27, 1901.

Official Butter Record: Dropped calf March 14, 1905, at 3 y. 3 m. 17 d. of age; commenced record April 12, 9 p. m., 1905; closed record April 19, 1 p. m.; 7 days' production 12.383 lbs. butter fat; milk 385.5 lbs.

Attested by Jared Van Wagenen, Jr., Cornell University Agricultural Experiment Station.

**NO. 4253. RIK FRIESLAND BEAUTY 2D 48485.**

<b>RIK FRIESLAND BEAUTY</b> 2d 4253 A. R. O. In 6 y. 10 m. 28 d., 17.213 lbs. fat.	{	Sir Netherland Pietertje 20344.	{	Sir Dudkje Veeman Pietertje 17008.
		Rik Friesland Beauty 42451.	{	Gussie 2d's Pride 18739.
			{	Shadeland Alcedo 2d 19871.
			{	Rik Friesland 3d 37964.

Owned and bred by Stanton Osterhout, Cobleskill, N. Y. Calved April 23, 1898.

Official Butter Record: Dropped calf March 21, 1905, at 6 y. 10 m. 28 d. of age; commenced record April 12, 9 p. m., 1905; closed record April 19, 1 p. m.; 7 days' production 17.213 lbs. butter fat; milk 520.1 lbs.

Attested by Jared Van Wagenen, Jr., Cornell University Agricultural Experiment Station.

**MANOR DE KOL ESTHER 2802 A. R. O. 58707.**

<b>MANOR DE KOL ESTHER</b> 2802 A. R. O. In 3 y. 11 m. 5 d., 14.898 lbs. fat.	{	Aaggie Grace Sir De Kol 199 A. R.	{	Manor De Kol 130 A. R.
		Manor De Kol Witkop 46600.	{	Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
			{	Manor De Kol 130 A. R.
			{	Netherland Van Friesland's Witkop 28497.

Owned by W. H. Grenell, Pierrepont Manor, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 229.]

Second Official Butter Record: Dropped calf March 17, 1905, at 3 y. 11 m. 5 d. of age; commenced record April 10, 11 p. m., 1905; closed record April 17, 5 p. m.; 7 days' production 14.898 lbs. butter fat; milk 451.7 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

#### MANOR ROSALIND 2392 A. R. O. 54733.

MANOR ROSALIND 2392 A. R. O. In 4 y. 10 m. 11 d., 16.005 lbs. fat.	{	Aaggie Grace Sir De Kol 199 A. R.	{	Manor De Kol 130 A. R.
		Manor Belle 33.065.		Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
			{	Netherland Van Friesland 205 A. R.
			{	Manor Beets 14056.

Owned by W. H. Grenell, Pierrepont Manor, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 257, Vol. XV, page 374.]

Third Official Butter Record: Dropped calf March 21, 1905, at 4 y. 10 m. 11 d. of age; commenced record April 10, 11 p. m., 1905; closed record April 17, 5 p. m.; 7 days' production 16.005 lbs. butter fat; milk 494.3 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

#### NO. 4254. MANOR FARM STAR JOSEPHINE 67548.

MANOR FARM STAR JO- SEPHINE 4254 A. R. O. In 2 y. 1 m. 10 d., 9.074 lbs. fat.	{	Aaggie Grace Sir De Kol 199 A. R.	{	Manor De Kol 130 A. R.
		Manor Star's Josephine 1960 A. R. O. In 3 y. 11 m. 7 d., 67.421 lbs. fat 30 d.		Aaggie Grace 2d's Pietertje- 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
			{	Manor Josephine De Kol 204 A. R.
			{	Manor Star 33067.

Owned and bred by W. H. Grenell, Pierrepont Manor, N. Y. Calved February 18, 1903.

Official Butter Record: Dropped calf March 28, 1905, at 2 y. 1 m. 10 d. of age; commenced record April 15, 1905; closed record April 21; 7 days' production 9.074 lbs. butter fat; milk 266 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.



**NO. 4255. DAISY MERCEDES BRYONIA 68699.**

DAISY MERCEDES BRYONIA 4255 A. R. O. In 1 y. 10 m. 28 d., 9.036 lbs. fat.	{	Bryonia Duke Longfield 28719.	{	De Kol Acma 203 A. R.
				Bryonia Belle Mechthilde 3763 A. R. O. In 6 y. 2 d., 15.416 lbs. fat.
		Daisy Mercedes Abbekerk De Kol 53256.		Sir Aaggie Abbekerk De Kol 2d 25101. Daisy C. Mercedes 2d 49021.

Owned and bred by H. F. Park, Elkhorn, Wis. Calved March 14, 1903.

Description: Age, 2 y. 1 m. 8 d.; milk and beef form; head, proportionate, symmetrical; neck, medium, slightly drooping; chine, straight, narrow, fairly open vertebræ; loin and hips, fairly strong, slightly rounded; rump, low, uneven, sloping; escutcheon, medium size, good quality; mammary veins, medium length, fair size; udder, capacious, fairly flexible, quarters even; teats, perfect; handling, fair; secretions of skin, limited; general appearance, fairly vigorous; height, shoulders 51 inches, hips 53.5; length, body 57; rump 17; width, hips 18, thurl 12; girth 69; weight, 800 lbs.; examiner, L. M. Hatch; examined April 22, 1905.

Official Butter Record: Dropped calf February 12, 1905, at 1 y. 10 m. 28 d. of age; commenced record April 21, 1905; closed record April 27; 7 days' production 9.036 lbs. butter fat; milk 277.7 lbs.

Attested by L. M. Hatch, Wisconsin Agricultural Experiment Station.

**NO. 4256. JENNIE LONGFIELD 68698.**

JENNIE LONGFIELD 4256 A. R. O. In 2 y. 16 d., 8.195 lbs. fat.	{	Bryonia Duke Longfield 28719.	{	De Kol Acma 203 A. R.
				Bryonia Belle Mechthilde 3763 A. R. O. In 6 y. 2 d., 15.416 lbs. fat.
		Jennie Brouwer 57936.		Mahomet Prince Tahmeroo 26042. Jeanette Brouwer 45908.

Owned and bred by H. F. Park, Elkhorn, Wis. Calved March 18, 1903.

Description: Age, 2 y. 1 m. 6 d.; milk and beef form; head, proportionate, symmetrical; neck, medium length, slightly drooping; chine, straight, fairly broad, open vertebræ; loin and hips, fairly strong, slightly rounded; rump, low, uneven, sloping; escutcheon, very small, good quality; mammary veins, medium length, large; udder, capacious, fairly flexible; teats, small; handling, medium; secretions of skin, moderately abundant, oily; general appearance, moderately vigorous, good style; height, shoulders 51.75 inches, hips 55.75; length, body 59, rump 19; width, hips 19.75, thurl 12; girth 70; weight, 850 lbs.; examiner, L. M. Hatch; examined April 24, 1905.

Official Butter Record: Dropped calf April 4, 1905, at 2 y. 16 d. of age; commenced record April 21, 1905; closed record April 27; 7 days' production 8.195 lbs. butter fat; milk 244.6 lbs.

Attested by L. M. Hatch, Wisconsin Agricultural Experiment Station.

**NO. 4257. LADY DORA KORNDYKE DE KOL 68291.**

LADY DORA KORNDYKE  
DE KOL 4257 A. R. O.  
In 1 y. 11 m., 9.833 lbs.  
butter fat.

{	Neta Paul's Son's King 27160.	{	Neta Paul's Son 22125.
			Shadeland Volena 29564.
{	Lady Dora Korndyke 55753.	{	Pietertje Kekke's Paul De Kol 133 A. R.
			Dora Mechthilde Korndyke 44299.

Owned by D. H. Mudgett, Dexter, Me. Bred by S. H. Blanchard, Mexico, N. Y.  
Calved May 3, 1903.

Official Butter Record: Dropped calf April 3, 1905, at 1 y. 11 m. of age;  
commenced record April 22, 1905; closed record April 28; 7 days' production 9.833  
lbs. butter fat; milk 270.2 lbs.

Attested by P. A. Campbell, Maine Agricultural Experiment Station.

**JOHANNA CLOTHILDE 1336 A. R. O. 40384.**

JOHANNA CLOTHILDE  
1336 A. R. O. In 9 y. 10  
m. 18 d., 14.924 lbs. fat.

{	Paul De Kol Clothilde 123 A. R.	{	Paul Mutual De Kol 18726.
			Duchess Clothilde 1208 A. R. O. In 9 y. 6 m. 21 d., 18.424 lbs. fat.
{	Johanna 4th 1148 A. R. O. In 9 y. 8 m. 27 d., 13.815 lbs. fat.	{	Sir Anthony 398 H.
			Johanna 344 H.

Owned by Gillett & Son, Rosendale, Wis.

[Entry of additional records. For previous records see Vol. IX, page 492, Vol.  
X, page 102.]

Third Official Butter Record: Dropped calf March 22, 1905, at 9 y. 10 m. 18 d.  
of age; commenced record April 11, 1905; closed record April 18; 7 days' pro-  
duction 14.924 lbs. butter fat; milk 370.4 lbs.

Attested by W. E. Markey, Wisconsin Agricultural Experiment Station.

**NO. 4258. JOHANNA RUTH 2D 65451.**

JOHANNA RUTH 2d 4258  
A. R. O. In 2 y. 1 m.  
25 d., 9.847 lbs. fat.

{	Sarcastic Lad 194 A. R.	{	Maurice Bonheur 22394.
			Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
{	Johanna Ruth 2717 A. R. O. In 2 y. 8 m. 18 d., 14.341 lbs. fat.	{	Paul Colantha 225 A. R.
			Johanna Rue 2d 1105 A. R. O. In 5 y. 3 m. 13 d., 17.027 lbs. fat.

Owned and bred by Gillett & Son, Rosendale, Wis. Calved January 14, 1903.

Official Butter Record: Dropped calf March 9, 1905, at 2 y. 1 m. 25 d. of  
age; commenced record April 11, 1905; closed record April 18; 7 days' production  
9.847 lbs. butter fat; milk 275.1 lbs.

Attested by W. E. Markey, Wisconsin Agricultural Experiment Station.

**AAGGIE DE KOL BEETS 1749 A. R. O. 47673.**

AAGGIE DE KOL BEETS 1749 A. R. O. In 6 y. 10 m. 15 d., 14.639 lbs. fat.	{	Paul Beets De Kol 113 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
		Aaggie Lily 3d's Netherland 1224 A. R. O. In 10 y. 12 d., 13.911 lbs. fat.	{	Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
			{	Inka Princess Pietertje Netherland 95 A. R.
			{	Aaggie Lily 3d 445 A. R. P. In 1 y. 11 m. 11 d., 9 lbs. 14 oz. butter by churn.

Owned by C. F. Hunt, Manlius, N. Y.

[Entry of additional records. For previous records see Vol. XII, page 35.]

Second Official Butter Record: Dropped calf March 4, 1905, at 6 y. 10 m. 15 d. of age; commenced record April 2, 4 p. m., 1905; closed record April 9, 10 a. m.; 7 days' production 14.639 lbs. butter fat; milk 430.4 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**NO. 4259. FLORA BRANK 4TH 65336.**

FLORA BRANK 4th 4259 A. R. O. In 2 y. 5 m. 2 d., 38.254 lbs. fat 21 d.	{	Soldene Clothilde Artis 288 A. R.	{	Soldene 2d's Netherland 8519.
		Flora Brank 1437 A. R. O. In 4 y. 7 m. 25 d., 13.682 lbs. fat.	{	Dirkje Von Holingen 3d 1264 A. R. O. In 6 y. 5 m. 28 d., 17.454 lbs. fat.
			{	Shadeland Brank 18712.
			{	Betsy Bobbet 2d's Flora 6397.

Owned and bred by T. A. Mitchell, Weedsport, N. Y. Calved September 7, 1902.

Official Butter Record: Dropped calf February 9, 1905, at 2 y. 5 m. 2 d. of age; commenced record March 5, 4 p. m., 1905; closed record March 12, 10 a. m.; 7 days' production 13.074 lbs. butter fat; milk 379.9 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf February 9, 1905, at 2 y. 5 m. 2 d. of age; commenced record March 3, 10 p. m., 1905; closed record March 24, 4 p. m.; 21 days' production 38.254 lbs. butter fat; milk 1,156.5 lbs.

Attested by H. C. McLallen, Cornell University Agricultural Experiment Station.

**NO. 4260. FRIEND INKA WAYNE 69778.**

FRIEND INKA WAYNE 4260 A. R. O. In 1 y. 10 m. 17 d., 15.056 lbs. fat 14 d.	{	Clothilde Friend Paul 26995.	{	Mutual Friend 3d's Paul 148 A. R.
		Inka Netherland of Wayne 2d 2961 A. R. O. In 6 y. 10 d., 16.231 lbs. fat.	{	Fanny Irene Clothilde 1466 A. R. O. In 7 y. 11 m. 4 d., 16.705 lbs. fat.
			{	Nicolo's Belle's Netherland Duke 22184.
			{	Inka Netherland of Wayne 34678.

Owned by T. A. Mitchell, Weedsport, N. Y. Bred by F. D. Mather, Belleville, N. Y. Calved April 7, 1903.

Official Butter Record: Dropped calf February 24, 1905, at 1 y. 10 m. 17 d. of age; commenced record March 31, 4 p. m., 1905; closed record April 7, 10 a. m.; 7 days' production 7.954 lbs. butter fat; milk 226.1 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 24, 1905, at 1 y. 10 m. 17 d. of age; commenced record March 26, 10 a. m., 1905; closed record April 9, 4 a. m.; 14 days' production 15.056 lbs. butter fat; milk 441.5 lbs.

Attested by H. C. McLallen, Cornell University Agricultural Experiment Station.

#### NO. 4261. SIEGLINDA ARTIS 54050.

SIEGLINDA ARTIS 4261 A. R. O. In 4 y. 5 m. 10 d., 29.357 lbs. fat 21 d.	{	Soldene Clothilde Artis 288 A. R.	{	Soldene 2d's Netherland 8519.
				Dirkje Von Holingen 3d 1264 A. R. O. In 6 y. 5 m. 28 d., 17.454 lbs. fat.
		Sieglinda 2d 12205.	{	Jansen 829. Sieglinda 3536.

Owned by T. A. Mitchell, Weedsport, N. Y. Bred by A. A. Cortelyou, Neshanic, N. J. Calved October 17, 1900.

Official Butter Record: Dropped calf February 27, 1905, at 4 y. 5 m. 10 d. of age; commenced record March 22, 4 p. m., 1905; closed record March 29, 10 a. m.; 7 days' production 11.102 lbs. butter fat; milk 336.6 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf February 27, 1905, at 4 y. 5 m. 10 d. of age; commenced record March 16, 10 p. m., 1905; closed record April 6, 4 p. m.; 21 days' production 29.357 lbs. butter fat; milk 991.7 lbs.

Attested by H. C. McLallen, Cornell University Agricultural Experiment Station.

#### NO. 4262. MARTHA IMPATIENCE DE KOL 67647.

MARTHA IMPATIENCE DE KOL 4262 A. R. O. In 1 y. 11 m., 7.314 lbs. fat.	{	Woodland Belle Butter Boy 29189.	{	De Kol 2d's Butter Boy 3d 147 A. R.
				Woodland Belle 4751.
		Martha Impatience 48124.	{	Prince Bismark Aaggie 22661. Impatience 2d's Duchess 2d 39928.

Owned by T. A. Mitchell, Weedsport, N. Y. Bred by R. A. Underwood, Mesopotamia, O. Calved April 28, 1903.

Official Butter Record: Dropped calf March 28, 1905, at 1 y. 11 m. of age; commenced record April 5, 10 p. m., 1905; closed record April 12, 4 p. m.; 7 days' production 7.314 lbs. butter fat; milk 262.5 lbs.

Attested by H. C. McLallen, Cornell University Agricultural Experiment Station.

#### NO. 4263. DIRKJE PEL 69945.

DIRKJE PEL 4263 A. R. O. In 2 y. 9 m. 27 d., 52.959 lbs. fat 30 d.	{	Albert Pel 2584 F. H. B.
		Visser 14th 9051 F. H. B.

Owned by T. A. Mitchell, Weedsport, N. Y. Bred by K. N. Kuperus, Marssum, Friesland. Calved March 27, 1902.

Official Butter Record: Dropped calf January 24, 1905, at 2 y. 9 m. 27 d. of age; commenced record March 17, 10 a. m., 1905; closed record March 24, 4 a. m.; 7 days' production 13.517 lbs. butter fat; milk 431 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 24, 1905, at 2 y. 9 m. 27 d. of age; commenced record February 27, 10 p. m., 1905; closed record March 29, 4 p. m.; 30 days' production 52.959 lbs. butter fat; milk 1,749.6 lbs.

Attested by H. C. McLallen, Cornell University Agricultural Experiment Station.

#### AAGGIE GRACE CLOTHILDE 2D 3197 A. R. O. 54494.

AAGGIE GRACE CLOTHILDE 2d 3197 A. R. O. In 4 y. 3 m., 63.082 lbs. fat 30 d.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{	Manor De Kol 130 A. R.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			Aaggie Grace Clothilde 1302 A. R. O. In 3 y. 3 m. 17 d., 14.796 lbs. fat.	{
			{	Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.

Owned by T. A. Mitchell, Weedsport, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 224.]



Second Official Butter Record: Dropped calf January 27, 1905, at 4 y. 3 m. of age; commenced record March 17, 4 p. m., 1905; closed record March 24, 10 a. m.; 7 days' production 15.342 lbs. butter fat; milk 438.5 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf January 27, 1905, at 4 y. 3 m. of age; commenced record February 27, 10 p. m., 1905; closed record March 29, 4 p. m.; 30 days' production 63.082 lbs. butter fat; milk 1,852.9 lbs.

Attested by H. C. McLallen, Cornell University Agricultural Experiment Station.

**NO. 4264. WAYNE BEETS DE KOL 66246.**

WAYNE BEETS DE KOL 4264 A. R. O. In 2 y. 1 m. 1 d., 10.560 lbs. fat.	{	Beryl Wayne's Paul De Kol 306 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
			{ Beryl Wayne 1177 A. R. O. In 8 y. 10 m. 12 d., 22.298 lbs. fat.
	{	De Kol Manor Beets 3d 2074 A. R. O. In 1 y. 10 m. 26 d., 8.420 lbs. fat.	{ De Kol 2d's Butter Boy 3d 147 A. R.
			{ De Kol Manor Beets 1451 A. R. O. In 2 y. 1 m. 15 d., 9.695 lbs. fat.

Owned by T. A. Mitchell, Weedsport, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved December 30, 1902.

Official Butter Record: Dropped calf January 31, 1905, at 2 y. 1 m. 1 d. of age; commenced record February 28, 10 p. m., 1905; closed record March 7, 4 p. m.; 7 days' production 10.560 lbs. butter fat; milk 295.2 lbs.

Attested by H. C. McLallen, Cornell University Agricultural Experiment Station.

**NO. 4265. LADY JESSIE AAGGIE DE KOL 69209.**

LADY JESSIE AAGGIE DE KOL 4265 A. R. O. In 2 y. 4 d., 10.313 lbs. fat.	{	Aaggie Cornucopia's Paul De Kol 332 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
			{ Aaggie Cornucopia 1179 A. R. P. In 6 y., 21 lbs. 7.4 oz. butter by churn.
	{	Jessie Albino De Kol 4267 A. R. O. In 6 y. 5 m. 4 d., 15.103 lbs. fat.	{ Dora Barnum De Kol Alban 21735.
			{ Jessie Barnum's De Kol 30166.

Owned and bred by Gardner & Misner, Centerville Station, N. Y. Calved March 17, 1903.

Official Butter Record: Dropped calf March 21, 1905, at 2 y. 4 d. of age; commenced record March 30, 1 p. m., 1905; closed record April 6, 5 a. m.; 7 days' production 10.313 lbs. butter fat; milk 289.1 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**NO. 4266. LIEUWKJE PAULINE DE KOL 53516.**

LIEUWKJE PAULINE DE KOL 4266 A. R. O. In 5 y. 2 m. 14 d., 12.487 lbs. fat.	{	Aaggie Cornucopia's Paul De Kol 332 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
		Lieuwkje of Twisk Lynfeld 2d 3828 A. R. O. In 7 y. 6 m. 23 d., 25.396 lbs. fat 14 d.		Aaggie Cornucopia 1179 A. R. P. In 6 y., 21 lbs. 7.4 oz. butter by churn.
				Lord Pietertje Twisk 23051.
				Lieuwkje of Lynfeld 42405.

Owned and bred by Gardner & Misner, Centerville Station, N. Y. Calved January 6, 1900.

Official Butter Record: Dropped calf March 20, 1905, at 5 y. 2 m. 14 d. of age; commenced record March 29, 1 p. m., 1905; closed record April 5, 5 a. m.; 7 days' production 12.487 lbs. butter fat; milk 404.5 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**LIEUWKJE VEEMAN GENESTA 1800 A. R. O. 42406.**

LIEUWKJE VEEMAN GENESTA 1800 A. R. O. In 7 y. 11 m. 9 d., 25.126 lbs. fat 14 d.	{	Prince Veeman Genesta 20120.	{	Genesta 2d's Castine Prince 15595.
		Lieuwkje Pearl 11903.		Minne Veeman 2d 1689 D. F.
				Oneides 1675.
				Boonstra's Lieuwkje 2d 1401 D. F.

Owned by Gardner & Misner, Centerville Station, N. Y.

[Entry of additional records. For previous records see Vol. XII, page 61.]

Official Butter Record: Dropped calf February 26, 1905, at 7 y. 11 m. 9 d. of age; commenced record March 25, 1 p. m., 1905; closed record April 1, 5 a. m.; 7 days' production 13.027 lbs. butter fat; milk 449.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 26, 1905, at 7 y. 11 m. 9 d. of age; commenced record March 18, 1 p. m., 1905; closed record April 1, 5 a. m.; 14 days' production 25.126 lbs. butter fat; milk 883.1 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**NEAH'S MERCEDES 3D 1803 A. R. O. 41346.**

NEAH'S MERCEDES 3d 1803 A. R. O. In 8 y. 8 m. 28 d., 25.852 lbs. fat 14 d.	{	Prince Veeman Genesta 20120.	{	Genesta 2d's Castine Prince 15595.
				Minne Veeman 2d 1689 D. F.
	{	Neah's Mercedes 28353.	{	Mercedes Prince 12 A. R.
				Neah 549 A. R. P. In 7 y. 1 m. 8 d., 955½ lbs. milk 10 d.

Owned by Gardner & Misner, Centerville Station, N. Y.

[Entry of additional records. For previous records see Vol. XII, page 62.]

Official Butter Record: Dropped calf March 2, 1905, at 8 y. 8 m. 28 d. of age; commenced record March 23, 1 p. m., 1905; closed record March 30, 5 a. m.; 7 days' production 13.675 lbs. butter fat; milk 417.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 2, 1905, at 8 y. 8 m. 28 d. of age; commenced record March 17, 1905; closed record March 30; 14 days' production 25.852 lbs. butter fat; milk 821.7 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**JAMAICA VEEMAN 1806 A. R. O. 41341.**

JAMAICA VEEMAN 1806 A. R. O. In 8 y. 3 m. 18 d., 27.803 lbs. fat 14 d.	{	Prince Veeman Genesta 20120.	{	Genesta 2d's Castine Prince 15595.
				Minne Veeman 2d 1689 D. F.
	{	Mousie Jamaica 4th 36895.	{	Calphurnia's Mercedes Prince 16526.
				Mousie Jamaica 11034.

Owned by Gardner & Misner, Centerville Station, N. Y.

[Entry of additional records. For previous records see Vol. XII, page 63.]

Official Butter Record: Dropped calf March 12, 1905, at 8 y. 3 m. 18 d. of age; commenced record March 24, 1905; closed record March 30; 7 days' production 14.585 lbs. butter fat; milk 425.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 12, 1905, at 8 y. 3 m. 18 d. of age; commenced record March 19, 1 p. m., 1905; closed record April 2, 5 a. m.; 14 days' production 27.803 lbs. butter fat; milk 825.1 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**NO. 4267. JESSIE ALBINO DE KOL 49457.**

JESSIE ALBINO DE KOL 4267 A. R. O. In 6 y. 5 m. 4 d., 15.103 lbs. fat.	{	Dora Barnum De Kol Alban 21735.	{ De Kol 2d's Alban 114 A. R. Dora Barnum 669 A. R. P. In 3 y. 1 m. 26 d., 20 9-32 lbs. butter by churn.
		Jessie Barnum's De Kol 30166.	{ Netherland Alban 34 A. R. Jessie Barnum 664 A. R. P. In 4 y. 10 m. 22 d., 15 11-64 lbs. butter by churn.

Owned by Gardner & Misner, Centerville Station, N. Y. Bred by David Garrison,  
Pine Bush, N. Y. Calved August 15, 1898.

Official Butter Record: Dropped calf January 19, 1905, at 6 y. 5 m. 4 d. of  
age; commenced record March 16, 1905; closed record March 22; 7 days' pro-  
duction 15.103 lbs. butter fat; milk 378.7 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment  
Station.

**NO. 4268. LIES ABBEKERK 70298.**

LIES ABBEKERK 4268 A. R. O. In 2 y. 4 m. 3 d., 12.037 lbs. fat.	{	Baron Steuben Abbeckerk 27435.	{ Sir Abbeckerk Parana 22936. Lotta Von Etten 2d 46863.
		Lies 4th 70296.	{ Christine K's Prince 14300. Lies 9246 H.

Owned by William M. Backus, New Berlin, N. Y. Bred by Elbert Coats, West-  
ville, N. Y. Calved November 20, 1902.

Official Butter Record: Dropped calf March 23, 1905, at 2 y. 4 m. 3 d. of  
age; commenced record April 5, 1905; closed record April 11; 7 days' production  
12.037 lbs. butter fat; milk 335.8 lbs.

Attested by Floyd H. Ryan, Cornell University Agricultural Experiment  
Station.

**NO. 4269. LADY MAY SPOFFORD 64906.**

LADY MAY SPOFFORD 4269 A. R. O. In 1 y. 11 m. 27 d., 8.170 lbs. fat.	{	Katy Spofford Corona's Son 350 A. R.	{ Homestead Hengerveld Crown De Kol 26345. Katy Spofford Corona 1738 A. R. O. In 3 y. 1 m. 6 d., 20.822 lbs. fat.
		Lady May Greenwood 2d 2937 A. R. O. In 3 y. 11 m. 27 d., 11.318 lbs. fat.	{ De Haan Pietertje 243 A. R. Lady May Greenwood 64665.

Owned and bred by E. H. Knapp & Son, Fabius, N. Y. Calved March 7, 1903.

Official Butter Record: Dropped calf March 4, 1905, at 1 y. 11 m. 27 d. of age; commenced record April 11, 4 a. m., 1905; closed record April 17, 10 p. m.; 7 days' production 8.170 lbs. butter fat; milk 238.5 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4270. VEEMAN KONINGEN SPOFFORD 64911.**

VEEMAN KONINGEN SPOFFORD 4270 A. R. O. In 1 y. 11 m. 18 d., 9.300 lbs. fat.	{	Katy Spofford Corona's Son 350 A. R.	{	Homestead Hengerveld Crown De Kol 26345.
				Katy Spofford Corona 1738 A. R. O. In 3 y. 1 m. 6 d., 20.822 lbs. fat.
	{	Veeman Koningen 3d 2822 A. R. O. In 5 y. 6 m. 1 d., 31.700 lbs. fat 14 d.	{	Billy McKinley 241 A. R.
				Veeman Koningen 27480.

Owned and bred by E. H. Knapp & Son, Fabius, N. Y. Calved March 22, 1903.

Official Butter Record: Dropped calf March 10, 1905, at 1 y. 11 m. 18 d. of age; commenced record April 12, 4 a. m., 1905; closed record April 18, 10 p. m.; 7 days' production 9.300 lbs. butter fat; milk 281.1 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4271. PAULINE SPOFFORD 62935.**

PAULINE SPOFFORD 4271 A. R. O. In 3 y. 3 d., 12.668 lbs. fat.	{	De Kol 2d's Pauline 2d's Paul De Kol 27483.	{	Calamity Jane's Paul 146 A. R.
				De Kol 2d's Pauline 2d 43392.
	{	Grace Greenwood 1739 A. R. O. In 9 y. 9 m. 28 d., 17.798 lbs. fat.	{	Woodland Duke 6598.
				Katy Spofford 5074.

Owned and bred by E. H. Knapp & Son, Fabius, N. Y. Calved March 9, 1902.

Official Butter Record: Dropped calf March 12, 1905, at 3 y. 3 d. of age; commenced record April 13, 10 a. m., 1905; closed record April 20, 4 a. m.; 7 days' production 12.668 lbs. butter fat; milk 380.5 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.



**DE KOL GRACE CLOTHILDE 2D 2792 A. R. O. 51325.**

DE KOL GRACE CLOTHILDE 2d 2792 A. R. O. In 5 y. 12 d., 17.541 lbs. fat.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{	Manor De Kol 130 A. R.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	De Kol Grace Clothilde 1769 A. R. O. In 3 y. 3 m. 27 d., 12.503 lbs. fat.	{	Paul Beets De Kol 113 A. R.
			{	Aggie Grace Clothilde 1302 A. R. O. In 3 y. 3 m. 17 d., 14.796 lbs. fat.

Owned by E. H. Knapp & Son, Fabius, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 223, Vol. XV, page 379.]

Third Official Butter Record: Dropped calf April 10, 1905, at 6 y. 23 d. of age; commenced record April 16, 10 p. m., 1905; closed record April 23, 4 p. m.; 7 days' production 17.291 lbs. butter fat; milk 450.1 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4272. NELLIE SPOFFORD CORONA 64907.**

NELLIE SPOFFORD CORONA 4272 A. R. O. In 2 y. 2 m. 7 d., 8.795 lbs. fat.	{	Katy Spofford Corona's Son 350 A. R.	{	Homestead Hengerveld Crown De Kol 26345.
			{	Katy Spofford Corona 1738 A. R. O. In 3 y. 1 m. 6 d., 20.822 lbs. fat.
	{	Molly Meadows 1835 A. R. O. In 2 y. 2 m. 3 d., 9.147 lbs. fat.	{	Billy McKinley 241 A. R.
			{	Koningen Aruna 39604.

Owned and bred by E. H. Knapp & Son, Fabius, N. Y. Calved January 25, 1903.

Official Butter Record: Dropped calf April 2, 1905, at 2 y. 2 m. 7 d. of age; commenced record April 16, 4 p. m., 1905; closed record April 23, 10 a. m.; 7 days' production 8.795 lbs. butter fat; milk 254 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4273. ALTOANA EVA DE KOL 63808.**

ALTOANA EVA DE KOL 4273 A. R. O. In 2 y. 10 m. 19 d., 11.323 lbs. fat.	{	Woodland Lass De Kol's King 355 A. R.	{	De Kol 2d's Butter Boy 3d 147 A. R.
			{	Woodland Lass De Kol 43813.
	{	Altoana 2d's Eva 2944 A. R. O. In 12 y. 12 d., 15.050 lbs. fat.	{	Sangerfield 4003.
			{	Altoana 2d 10348.

Owned and bred by Lamb Brothers, East Hamilton, N. Y. Calved April 20, 1902.

Official Butter Record: Dropped calf March 9, 1905, at 2 y. 10 m. 19 d. of age; commenced record March 31, 5 p. m., 1905; closed record April 7, 11 a. m.; 7 days' production 11.323 lbs. butter fat; milk 359.5 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

### NETHERLAND ARTIS MECHTHILDE 3101 A. R. O. 59609.

NETHERLAND ARTIS MECHTHILDE 3101 A. R. O. In 3 y. 6 m. 19 d., 11.284 lbs. fat.	{	Netherland Mechthilde Chief 27971.	{	Mechthilde Josephine Chief 175 A. R.
				Netherland Pearl Artis 41416.
	{	Chloe Artis Netherland 4th 41209.	{	Count Aaggie Clothilde 110 A. R.
				Chloe Artis Netherland 1276 A. R. O. In 7 y. 7 m. 2 d., 15.615 lbs. fat.

Owned by University of Wisconsin, Madison, Wis.

[Entry of additional records. For previous records see Vol. XV, page 165.]

Second Official Butter Record: Dropped calf April 2, 1905, at 3 y. 6 m. 19 d. of age; commenced record April 8, 1905; closed record April 15; 7 days' production 11.284 lbs. butter fat; milk 251.4 lbs.

Attested by Roy T. Harris, Illinois Agricultural Experiment Station.

### NO. 4274. MAY QUEEN DE KOL 62216.

MAY QUEEN DE KOL 4274 A. R. O. In 2 y. 10 m. 25 d., 10.381 lbs. fat.	{	Keyes De Kol Maplecroft 27433.	{	Maplecroft De Kol 275 A. R.
				Maggie Keyes 2d 18049.
	{	Hero De Kol 2d's Freda 54550.	{	Hero De Kol 2d 23516.
				Netherland De Kol's Perfection B. 39437.

Owned by F. F. Field, Brockton, Mass. Bred by P. P. Parsons, Camillus, N. Y.  
Calved May 11, 1902.

Description: Age, 2 y. 11 m. 18 d.; beef and dairy form; head, proportionate; neck, fine, nearly level; chine, straight; rump, high, quite even; escutcheon, large, fine; mammary veins, well developed; udder, large, capacious, quarters even; teats, medium; handling, good; secretions of skin, abundant, oily; general appearance, thrifty, healthy; height, shoulders 50 inches, hips 54; length, body 60, width, hips 19, thurl 16; girth 70.5; weight, 850 lbs.; examiner, Arthur D. Guiel; examined April 29, 1905.

Official Butter Record: Dropped calf April 6, 1905, at 2 y. 10 m. 25 d. of age; commenced record April 22, 1905; closed record April 28; 7 days' production 10.381 lbs. butter fat; milk 281.5 lbs.

Attested by Arthur D. Guiel, Hatch (Mass.) Agricultural Experiment Station.

**NO. 4275. SUNLAND QUEEN 58876.**

SUNLAND QUEEN 4275  
A. R. O. In 4 y. 22 d.,  
12.786 lbs. fat.

{ Hero De Kol's Umatilla  
23431.  
  
{ Peerless Edgely Girl 48718.

{ Hero De Kol 274 A. R.  
  
{ Umatilla 870 A. R. P. In 6  
y. 29 d., 595¼ lbs. milk  
10 d.  
  
{ Witzyde King 25518.  
  
{ Edgely Girl's Queen 48715.

Owned by J. B. Taylor, Watertown, N. Y. Bred by James W. Corcoran, Watertown, N. Y. Calved February 22, 1901.

Official Butter Record: Dropped calf March 14, 1905, at 4 y. 22 d. of age; commenced record April 11, 11 a. m., 1905; closed record April 18, 5 a. m.; 7 days' production 12.786 lbs. butter fat; milk 327.3 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**NO. 4276. CAMILLA CLOTHILDE 2D'S BELLE 54549.**

CAMILLA CLOTHILDE  
2d's BELLE 4276 A. R. O.  
In 4 y. 8 m. 21 d., 11.809  
lbs. fat.

{ Hero De Kol 2d 23516.  
  
{ Camilla Clothilde 2d 47098.

{ Hero De Kol 274 A. R.  
  
{ Doetje Welling's De Kol  
33691.  
  
{ Clothilde 4th's Imperial  
Knight 21690.  
  
{ Camilla Clothilde 39232.

Owned by J. B. Taylor, Watertown, N. Y. Bred by P. P. Parsons, Camillus, N. Y. Calved June 24, 1900.

Official Butter Record: Dropped calf March 15, 1905, at 4 y. 8 m. 21 d. of age; commenced record April 13, 5 p. m., 1905; closed record April 20, 11 a. m.; 7 days' production 11.809 lbs. butter fat; milk 334.7 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**NO. 4277. BOWEN CLOTHILDE 68112.**

BOWEN CLOTHILDE 4277  
A. R. O. In 2 y. 10 m.  
26 d., 8.872 lbs. fat.

{ Sir Bowen Clothilde Artis  
23497.  
  
{ Videnus 27174.

{ Rinsche Clothilde Artis  
19205.  
  
{ Bowen 469 A. R. P. In 2 y.  
1 m. 26 d., 378 lbs. milk  
10 d.  
  
{ Ethelka's Coronet 792.  
  
{ Venus 4th 3753 H.

Owned by J. B. Taylor, Watertown, N. Y. Bred by Estate of R. P. Flower, Watertown, N. Y. Calved April 7, 1902.

Official Butter Record: Dropped calf March 3, 1905, at 2 y. 10 m. 26 d. of age; commenced record April 11, 11 a. m., 1905; closed record April 18, 5 a. m.; 7 days' production 8.872 lbs. butter fat; milk 299.6 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

#### NO. 4278. SKIP INKA CLOTHILDE 68110.

SKIP INKA CLOTHILDE  
4278 A. R. O. In 1 y. 11  
m. 7.657 lbs. fat.

Skip Inka Wayne 2d 26631.

{ Skip Inka Wayne 23975.  
Videnus 27174.

Nixie Clothilde Artis 53965.

{ Sir Bowen Clothilde Artis  
23497.  
Lutske Nixie 23145.

Owned by J. B. Taylor, Watertown, N. Y. Bred by Estate of R. P. Flower, Watertown, N. Y. Calved March 18, 1903.

Official Butter Record: Dropped calf February 18, 1905, at 1 y. 11 m. of age; commenced record April 3, 5 p. m., 1905; closed record April 10, 11 a. m.; 7 days' production 7.657 lbs. butter fat; milk 220 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

#### NO. 4279. JOSEPHINE RIXON 36569.

JOSEPHINE RIXON 4279  
A. R. O. In 11 y. 1 m. 6  
d., 12.204 lbs. fat.

Inka's Pietertje King 15964.

{ Milla's Pietertje Netherland  
83 A. R.  
Inka 514 A. R. P. In 12  
y., 20 lbs. 2 oz. butter by  
churn.

Rose Rixon 30955.

{ Son of Nixie L. 11764.  
Jetje Hem 5984 H.

Owned by J. B. Taylor, Watertown, N. Y. Bred by A. R. Flower, Watertown, N. Y. Calved February 9, 1894.

Official Butter Record: Dropped calf March 15, 1905, at 11 y. 1 m. 6 d. of age; commenced record April 5, 5 p. m., 1905; closed record April 12, 11 a. m.; 7 days' production 12.204 lbs. butter fat; milk 408.3 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**NO. 4280. ANNIE DE KOL 53382.**

ANNIE DE KOL, 4280 A. R. O. In 5 y. 5 m. 1 d., 12.636 lbs. fat.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
				Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
		Ann Jane 7517.		Pietje 457 D. F.
				Ilma 1936 D. F.

Owned by Jarvis Brothers, Cooperstown, N. Y. Bred by E. C. Brill, Poughquag, N. Y. Calved October 14, 1899.

Official Butter Record: Dropped calf March 15, 1905, at 5 y. 5 m. 1 d. of age; commenced record April 14, 9 p. m., 1905; closed record April 21, 1 p. m.; 7 days' production 12.636 lbs. butter fat; milk 301.7 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**JASAMINE CARLOTTA 3189 A. R. O. 59642.**

JASAMINE CARLOTTA 3189 A. R. O. In 3 y. 9 m. 17 d., 12.767 lbs. fat.	{	Carlotta A's Pietertje Clothilde 28173.	{	Winana's Pietertje Clothilde 25433.
				Carlotta A. 11040.
		Jasmine 2d's Colanthus 3213 A. R. O. In 6 y. 9 m. 19 d., 13.910 lbs. fat.		Bradford Colanthus 20294.
				Jasmine 2d 9111.

Owned by Jarvis Brothers, Cooperstown, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 217.]

Second Official Butter Record: Dropped calf March 14, 1905, at 3 y. 9 m. 17 d. of age; commenced record April 14, 9 p. m., 1905; closed record April 21, 1 p. m.; 7 days' production 12.767 lbs. butter fat; milk 344.1 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**NO. 4281. CRISSIE COTO DE KOL 59657.**

CRISSIE COTO DE KOL 4281 A. R. O. In 3 y. 4 m. 23 d., 10.348 lbs. fat.	{	Lord Netherland De Kol 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.
				Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
		Crissie 2d 22904.		Prince Cato 4344 H.
				Crissie 7559.



Owned by Jarvis Brothers, Cooperstown, N. Y. Bred by E. C. Brill, Poughquag, N. Y. Calved November 3, 1901.

Official Butter Record: Dropped calf March 26, 1905, at 3 y. 4 m. 23 d. of age; commenced record April 10, 9 p. m., 1905; closed record April 17, 1 p. m.; 7 days' production 10.348 lbs. butter fat; milk 287.9 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**NO. 4282. DAISY CLOTHILDE DE KOL WOODCREST 63826.**

DAISY CLOTHILDE DE KOL WOODCREST 4282 A. R. O. In 2 y. 1 m. 4 d., 20.683 lbs. fat 14 d.	{	Clothilde Woodcrest of Ulster 29606.	{	Woodcrest 23301.
				Daisy De Vries Clothilde 2d 42718.
	{	Ina Woodcrest De Kol 4194 A. R. O. In 4 y. 3 m. 18 d., 65.578 lbs. fat 30 d.	{	Woodcrest 23301.
				Plum De Kol 41677.

Owned and bred by J. W. Dimick, Rifton, N. Y. Calved February 2, 1903.

Official Butter Record: Dropped calf March 6, 1905, at 2 y. 1 m. 4 d. of age; commenced record March 18, 10.45 a. m., 1905; closed record March 25, 4.45 a. m.; 7 days' production 10.486 lbs. butter fat; milk 277.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 6, 1905, at 2 y. 1 m. 4 d. of age; commenced record March 18, 1905; closed record March 31; 14 days' production 20.683 lbs. butter fat; milk 564.6 lbs.

Attested by Dwight E. Carley and William D. Wheelock, Cornell University Agricultural Experiment Station.

**NO. 4283. BEAUTY BOON 56471.**

BEAUTY BOON 4283 A. R. O. In 4 y. 8 m. 9 d., 24.336 lbs. fat 14 d.	{	Shadeland Gloster 23981.	{	Shadeland Boon's Czar 21750.
				Shadeland Sylvia 38744.
	{	Highland Beauty's Pietertje 693 W.	{	Gudula's Pietertje Netherland 16616.
				Highland Beauty 19050.

Owned by J. W. Dimick, Rifton, N. Y. Bred by P. D. Reed, Burton, O. Calved June 10, 1900.

Official Butter Record: Dropped calf February 19, 1905, at 4 y. 8 m. 9 d. of age; commenced record March 30, 10.45 a. m., 1905; closed record April 6, 4.45 a. m.; 7 days' production 12.474 lbs. butter fat; milk 324.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 19, 1905, at 4 y. 8 m. 9 d. of age; commenced record March 30, 10.45 a. m., 1905; closed record April 14, 4.45 a. m.; 14 days' production 24.336 lbs. butter fat; milk 675.7 lbs.

Attested by William D. Wheelock, Cornell University Agricultural Experiment Station.

**ORDELLO LYONS 2D 3501 A. R. O. 54627.**

ORDELLO LYONS 2d 3501  
A. R. O. In 4 y. 9 m. 26  
d., 13.958 lbs. fat.

{ Sanesta 4th's Paul 25341.

{ Pauline Paul's Grandson's  
Clothilde 279 A. R.  
{ Sanesta 4th 41445.

{ Ordello Lyons 47977.

{ Monk Lyons 21327.  
{ Ordello 2d 34781.

Owned by W. Judson Smith, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 399.]

Second Official Butter Record: Dropped calf February 27, 1905, at 4 y. 9 m. 26 d. of age; commenced record March 13, 10.30 a. m., 1905; closed record March 20, 4.30 a. m.; 7 days' production 13.958 lbs. butter fat; milk 474.1 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**BELLEWOOD MONK 3500 A. R. O. 63288.**

BELLEWOOD MONK 3500  
A. R. O. In 3 y. 1 m. 6  
d., 13.074 lbs. fat.

{ Ophelia 7th's Monk 284 A. R.

{ Monk Lyons 21327.  
{ Ophelia 7th 36875.

{ Bellewood 2d's Maid 52180.

{ Pauline Paul's Grandson's  
Clothilde 279 A. R.  
{ Bellewood 2d 34780.

Owned by W. Judson Smith, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 399.]

Second Official Butter Record: Dropped calf March 27, 1905, at 3 y. 1 m. 6 d. of age; commenced record April 20, 10.30 a. m., 1905; closed record April 27, 4.30 a. m.; 7 days' production 13.074 lbs. butter fat; milk 465 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 4284. HARK 4355.**

HARK 4284 A. R. O. In 18  
y. 10 m. 21 d., 13.611 lbs.  
fat.

{ Sebert 1257 H.

{ Roelof 989 H.  
{ Klaske 1039 H.

{ Minorie 8589 H.

{ Wybe Lee 5763 H.

Owned and bred by E. S. Robinson, Forestville, N. Y. Calved May 9, 1886.

Official Butter Record: Dropped calf March 30, 1905, at 18 y. 10 m. 21 d. of age; commenced record April 15, 1905; closed record April 21; 7 days' production 13.611 lbs. butter fat; milk 418.4 lbs.

Attested by Lester A. Parke, Cornell University Agricultural Experiment Station.

**AAGGIE HARK 3335 A. R. O. 58272.**

AAGGIE HARK 3335 A. R. O. In 3 y. 11 m. 25 d., 14.569 lbs. fat.	{	Prince Aaggie Rosa De Kol 26362.	{ De Kol de Yong 272 A. R.
		Hark 4284 A. R. O. In 18 y. 10 m. 21 d., 13.611 lbs. fat.	{ Aaggie Rosa Princess 9636.
			{ Sebert 1257 H.
			{ Minorie 8589 H.

Owned by E. S. Robinson, Forestville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 302.]

Second Official Butter Record: Dropped calf March 17, 1905, at 3 y. 11 m. 25 d. of age; commenced record April 15, 1905; closed record April 21; 7 days' production 14.569 lbs. butter fat; milk 427.9 lbs.

Attested by Lester A. Parke, Cornell University Agricultural Experiment Station.

**MINORIE DE KOL de YONG 3390 A. R. O. 54145.**

MINORIE DE KOL de YONG 3390 A. R. O. In 5 y. 2 m. 3 d., 14.650 lbs. fat.	{	De Kol de Yong 272 A. R.	{ De Kol 2d's Netherland 118 A. R.
		Minorie's Last 3391 A. R. O. In 6 y. 10 m. 6 d., 13.355 lbs. fat.	{ Jescling de Yong 8774.
			{ Prince Rozelle 20355.
			{ Minorie 8589 H.

Owned by E. S. Robinson, Forestville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 334.]

Second Official Butter Record: Dropped calf March 13, 1905, at 5 y. 2 m. 3 d. of age; commenced record April 15, 1905; closed record April 21; 7 days' production 14.650 lbs. butter fat; milk 444.4 lbs.

Attested by Lester A. Parke, Cornell University Agricultural Experiment Station.

**NO. 4285. TIRANIA YANKEE 5TH 68204.**

TIRANIA YANKEE 5th 4285 A. R. O. In 1 y. 11 m. 17 d., 9.104 lbs. fat.	{	Zanca De Kol's Count 27053.	{ Pauline Paul 2d's Count 190 A. R.
		Tirania Yankee 3392 A. R. O. In 10 y. 1 d., 12.919 lbs. fat.	{ Zanca De Kol 1418 A. R. O. In 6 y. 4 m. 15 d., 18.508 lbs. fat.
			{ Sir Tirania Pietertje Mechthilde 19755.
			{ Yankee Girl 2d 4354.

Owned and bred by E. S. Robinson, Forestville, N. Y. Calved April 14, 1903.

Official Butter Record: Dropped calf March 31, 1905, at 1 y. 11 m. 17 d. of age; commenced record April 15, 1905; closed record April 21; 7 days' production 9.104 lbs. butter fat; milk 267.5 lbs.

Attested by Lester A. Parke, Cornell University Agricultural Experiment Station.

# **NO. 4286. CASTINE LYONS 3D 67818.**

<b>CASTINE LYONS 3d 4286</b> A. R. O. In 2 y. 2 m. 13 d., 9.642 lbs. fat.	{	Nudine Dingle Monk 29205.	{	Lucy Nudine 2d's Monk 23626.
			{	Nudine Dingle 38220.
		Castine Lyons 49051.		Champion Monk Lyons 22464.
				Castine Cymbeline 32916.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Esther A. Horr, Wellington, O. Calved January 11, 1903.

Official Butter Record: Dropped calf March 24, 1905, at 2 y. 2 m. 13 d. of age; commenced record April 19, 4.30 p. m., 1905; closed record April 26, 10.30 a. m.; 7 days' production 9.642 lbs. butter fat; milk 305.2 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

# **NO. 4287. BEAUTY RAUWERD DE KOL 67817.**

<b>BEAUTY RAUWERD DE KOL 4287 A. R. O.</b> In 2 y. 1 m. 20 d., 10.460 lbs. fat.	{	Pietertje Hengerveld's Count De Kol 135 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
			{	Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
		Beauty Rauwerd 2d 48021.		Bessie Nudine's Prince 22859.
				Beauty Rauwerd 38206.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Esther A. Horr, Wellington, O. Calved January 8, 1903.

Official Butter Record: Dropped calf February 28, 1905, at 2 y. 1 m. 20 d. of age; commenced record March 12, 10.30 p. m., 1905; closed record March 19, 4.30 p. m.; 7 days' production 10.460 lbs. butter fat; milk 356.6 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 4288. BUCKEYE CLOTHILDE 3D'S MAID 58755.**

BUCKEYE CLOTHILDE 3d's MAID 4288 A. R. O. In 3 y. 8 m. 21 d., 13.257 lbs. fat.	{	Pietertje Hengerveld's Count	{	De Kol 2d's Butter Boy 129
		De Kol 135 A. R.	A. R.	
			Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.	
		Buckeye Clothilde 3d 52182.	{	Monk Lyons 21327.
				Buckeye Clothilde 39562.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved June 30, 1901.

Official Butter Record: Dropped calf March 21, 1905, at 3 y. 8 m. 21 d. of age; commenced record April 2, 4.30 a. m., 1905; closed record April 8, 10.30 p. m.; 7 days' production 13.257 lbs. butter fat; milk 423.1 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**VERBELLE DE KOL HENGERVELD 3505 A. R. O. 63285.**

VERBELLE DE KOL HENGERVERELD 3505 A. R. O. In 2 y. 11 m. 17 d., 13.523 lbs. fat.	{	Pietertje Hengerveld's Count	{	De Kol 2d's Butter Boy 129
		De Kol 135 A. R.	A. R.	
			Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.	
		Verbelle Monk 2d 54636.	{	Sanesta 4th's Paul 25341.
				Verbelle Monk 47981.

Owned by Wing R. Smith, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 401.]

Second Official Butter Record: Dropped calf February 22, 1905, at 2 y. 11 m. 17 d. of age; commenced record March 8, 4.30 p. m., 1905; closed record March 15, 10.30 a. m.; 7 days' production 13.523 lbs. butter fat; milk 387.6 lbs.

Attested by E. S. Haver and C. C. Cole, Cornell University Agricultural Experiment Station.

**NASICA DE KOL 3498 A. R. O. 62434.**

NASICA DE KOL 3498 A. R. O. In 3 y. 13 d., 15.201 lbs. fat.	{	Pietertje Hengerveld's Count	{	De Kol 2d's Butter Boy 129
		De Kol 135 A. R.		A. R.
				Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
		Lady Nasica 2d 43118.	{	Lady of Lyons' Monk 20793.
				Lady Nasica 34629.

Owned by Wing R. Smith, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 398.]

Second Official Butter Record: Dropped calf February 24, 1905, at 3 y. 13 d. of age; commenced record March 11, 4.30 p. m., 1905; closed record March 18, 10.30 a. m.; 7 days' production 15.201 lbs. butter fat; milk 460 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.



**BUCKEYE GIRL 2D'S FANCY 3504 A. R. O. 54625.**

BUCKEYE GIRL 2d's FANCY 3504 A. R. O. In 4 y. 11 m. 9 d., 14.970 lbs. fat.	{	Ophelia 7th's Monk 284 A. R.	{	Monk Lyons 21327.
			{	Ophelia 7th 36875.
	{	Buckeye Girl 2d 9493.	{	Champion 794 H.
			{	Buckeye Girl 2448 H.

Owned by Wing R. Smith, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 401.]

Second Official Butter Record: Dropped calf February 19, 1905, at 4 y. 11 m. 9 d. of age; commenced record March 13, 10.30 p. m., 1905; closed record March 20, 4.30 p. m.; 7 days' production 14.970 lbs. butter fat; milk 506.3 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**BAWN BUCKEYE 5TH 3403 A. R. O. 54631.**

BAWN BUCKEYE 5th 3403 A. R. O. In 5 y. 24 d., 16.494 lbs. fat.	{	Pauline Paul's Grandson's Clothilde 279 A. R.	{	Pauline Paul's Grandson 17146.
			{	Koningen Van Friesland 5th's Clothilde 25930.
	{	Bawn Buckeye 34770.	{	Ophelia 3d's Bawn 16927.
			{	Buckeye Girl 4th 18767.

Owned by Wing R. Smith, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 340.]

Second Official Butter Record: Dropped calf March 18, 1905, at 5 y. 24 d. of age; commenced record April 9, 4.30 p. m., 1905; closed record April 16, 10.30 a. m.; 7 days' production 16.494 lbs. butter fat; milk 509.1 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 4289. OPHELIA MAGIC 63282.**

OPHELIA MAGIC 4289 A. R. O. In 3 y. 4 d., 9.839 lbs. fat.	{	Ophelia 7th's Monk 284 A. R.	{	Monk Lyons 21327.
			{	Ophelia 7th 36875.
	{	Netherland Magic 5th 50795.	{	Pauline Paul's Grandson's Clothilde 279 A. R.
			{	Netherland Magic 31002.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by Chapman & Horr Brothers, Wellington, O. Calved February 24, 1902.

Official Butter Record: Dropped calf February 28, 1905, at 3 y. 4 d. of age; commenced record March 12, 4.30 a. m., 1905; closed record March 18, 10.30 p. m.; 7 days' production 9.839 lbs. butter fat; milk 300.5 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 4290. A. & G. BURKE SEGIS INKA 65480.**

A. & G. BURKE SEGIS INKA 4290 A. R. O. In 1 y. 10 m. 21 d., 42.143 lbs. fat 30 d.	{	De Kol Burke 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
				Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
	{	Segis Inka 1376 A. R. O. In 9 y. 5 m. 16 d., 83.586 lbs. fat 30 d.	{	Inka Princess Pietertje Netherland 95 A. R.
				Segis 1028 A. R. P. In 6 y. 7 m. 1 d., 15 lbs. 8 oz. butter by churn.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by Averill & Gregory, Syracuse, N. Y. Calved March 31, 1903.

Official Butter Record: Dropped calf February 22, 1905, at 1 y. 10 m. 21 d. of age; commenced record March 25, 5 p. m., 1905; closed record April 1, 11 a. m.; 7 days' production 10.284 lbs. butter fat; milk 312.4 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 22, 1905, at 1 y. 10 m. 21 d. of age; commenced record March 3, 1905; closed record April 1; 30 days' production 42.143 lbs. butter fat; milk 1,273.6 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 4291. ALCARTRA POLKADOT ORMSBY 66334.**

ALCARTRA POLKADOT ORMSBY 4291 A. R. O. In 1 y. 10 m. 29 d., 44.400 lbs. fat 30 d.	{	Duchess Ormsby Piebe Burke 335 A. R.	{	Piebè De Kol Burke 165 A. R.
				Duchess Ormsby 1432 A. R. O. In 9 y. 10 m. 14 d., 19.418 lbs. fat.
	{	Alcartra Polkadot 1988 A. R. O. In 5 y. 1 m. 24 d., 21.723 lbs. fat.	{	Pearl of the Dairy's Joe De Kol 164 A. R.
				Alcartra 2d's Rose 1944 A. R. O. In 8 y. 10 m. 22 d., 14.239 lbs. fat.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by E. E. Randall, Watertown, Wis. Calved March 14, 1903.

Official Butter Record: Dropped calf February 13, 1905, at 1 y. 10 m. 29 d. of age; commenced record March 25, 11 p. m., 1905; closed record April 1, 5 p. m.; 7 days' production 10.629 lbs. butter fat; milk 295.6 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 13, 1905, at 1 y. 10 m. 29 d. of age; commenced record March 2, 11 p. m., 1905; closed record April 1, 5 p. m.; 30 days' production 44.400 lbs. butter fat; milk 1,257 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**BERYL MUTUAL WAYNE DE KOL 3176 A. R. O. 61840.**

BERYL MUTUAL WAYNE DE KOL 3176 A. R. O. In 3 y. 2 m. 27 d., 22.213 lbs. fat 14 d.	{	Beryl Wayne's Paul De Kol 306 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
		Mutual Wayne De Kol 1538 A. R. O. In 4 y. 7 m. 25 d., 13.411 lbs. fat.	{ Beryl Wayne 1177 A. R. O. In 8 y. 10 m. 12 d., 22.298 lbs. fat.
			{ Paul De Kol 97 A. R.
			{ Mutual Friend 2d's Wayne 1080 A. R. O. In 5 y. 10 m. 9 d., 17.888 lbs. fat.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 210.]

Second Official Butter Record: Dropped calf February 24, 1905, at 3 y. 2 m. 27 d. of age; commenced record March 20, 11 a. m., 1905; closed record March 27, 5 a. m.; 7 days' production 11.571 lbs. butter fat; milk 388.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 24, 1905, at 3 y. 2 m. 27 d. of age; commenced record March 14, 1905; closed record March 27; 14 days' production 22.213 lbs. butter fat; milk 762.5 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**LEILA PIETERTJE INKA DE KOL 2655 A. R. O. 54451.**

LEILA PIETERTJE INKA DE KOL 2655 A. R. O. In 5 y. 10 d., 31.607 lbs. fat 14 d.	{	De Kol 2d's Paul De Kol Prince 224 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
		Leila Pietertje 1703 A. R. O. In 7 y. 8 m. 11 d., 21.851 lbs. fat.	{ Homestead Girl 1653 A. R. O. In 11 y. 5 m. 13 d., 12.529 lbs. fat.
			{ Inka's Pietertje Duke 141 A. R.
			{ Witkop 2d's Susie's Aaggie Leila 19164.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 143, Vol. XV, page 248.]

Third Official Butter Record: Dropped calf February 12, 1905, at 5 y. 10 d. of age; commenced record February 23, 11 p. m., 1905; closed record March 2, 5 p. m.; 7 days' production 15.935 lbs. butter fat; milk 515.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 12, 1905, at 5 y. 10 d. of age; commenced record February 23, 11 p. m., 1905; closed record March 9, 5 p. m.; 14 days' production 31.607 lbs. butter fat; milk 1,030.3 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 4292. SADIE VALE CONCORDIA 2D 56541.**

SADIE VALE CONCORDIA 2d 4292 A. R. O. In 4 y. 5 m., 23.958 lbs. fat 14 d.	{	Friend Aaggie De Kol 25062.	{	Our Mutual Friend 22240.
		Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 24 d., 176.420 lbs. fat 60 d.		Aaggie 3d's Wayne 962 A. R. O. In 8 y. 3 m., 16.582 lbs. fat.
			{	Concordia's America Wayne 96 A. R.
			{	Sadie Vale 2d 1054 A. R. P. In 1 y. 10 m. 12 d., 9 lbs. 9 oz. butter by churn.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by T. G. Yeomans & Sons, Walworth, N. Y. Calved August 22, 1900.

Official Butter Record: Dropped calf January 22, 1903, at 4 y. 5 m. of age; commenced record February 27, 5 p. m., 1905; closed record March 6, 11 a. m.; 7 days' production 12.615 lbs. butter fat; milk 421.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf January 22, 1905, at 4 y. 5 m. of age; commenced record February 22, 5 p. m., 1905; closed record March 8, 11 a. m.; 14 days' production 23.958 lbs. butter fat; milk 832.7 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 4293. TRITOMIA SURPRISE 2D 59595.**

TRITOMIA SURPRISE 2d 4293 A. R. O. In 9 y. 4 m. 5 d., 54.262 lbs. fat 14 d.	{	Nick Netherland 27794.	{	Netherland Carl 16 A. R.
		Tritomia Surprise 55039.		Lakeside Hester 9981 H.
			{	Tritomia's Mercedes Prince 32 A. R.
			{	Aaggie Juliet 4474 H.

Owned and bred by F. W. Allis, Madison, Wis. Calved October 3, 1895.

Description: Age, 9 y. 5 m. 13 d.; milk and beef form; head, proportionate, symmetrical; neck, medium length, slightly drooping; chine, fairly broad, slightly uneven, fairly open vertebræ; loin and hips, strong; rump, fairly high, slightly uneven; escutcheon, very large, fine; mammary veins, medium length, fair size; udder, capacious, moderately flexible, quarters slightly uneven; teats, nearly perfect; handling, good; secretions of skin, moderately abundant, moderately oily; general appearance, vigorous, fine, good style; height, shoulders 54.5 inches, hips 55.25; length, body 64, rump 21; width, hips 23, thurl 21; girth 81; weight, 1,500 lbs.; examiner, L. M. Hatch; examined March 16, 1905.

Official Butter Record: Dropped calf February 8, 1905, at 9 y. 4 m. 5 d. of age; commenced record March 16, 1905, closed record March 22; 7 days' production 13.396 lbs. butter fat; milk 448.1 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 8, 1905, at 9 y. 4 m. 5 d. of age; commenced record February 21, 1905; closed record March 22; 30 days' production 54.262 lbs. butter fat; milk 1,834.8 lbs.

Attested by W. E. Markey and L. M. Hatch, Wisconsin Agricultural Experiment Station.

**NO. 4294. MAUD JOHANNA 51773.**

MAUD JOHANNA 4294 A. R. O. In 5 y. 3 m. 7 d., 13.151 lbs. fat.	{	Joh Clothilde 21320.	{	Aaggie Cornelia 5th's Clo- thilde Imperial 103 A. R.
		Maudaline of Beechwood 40350.		Johanna 5th 1104 A. R. O. In 7 y. 4 m. 10 d., 17.640 lbs. fat.
				Maid of the Oaks' Clothilde 16746.
				Mantella 4646 H.

Owned by C. F. Hunt, Manlius, N. Y. Bred by Peter Hammen, Beechwood, Wis. Calved November 25, 1899.

Official Butter Record: Dropped calf March 2, 1905, at 5 y. 3 m. 7 d. of age; commenced record March 25, 10 p. m., 1905; closed record April 1, 4 p. m.; 7 days' production 13.151 lbs. butter fat; milk 425 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**NO. 4295. LADY KAASTRA 58884.**

LADY KAASTRA 4295 A. R. O. In 3 y. 1 m. 4 d., 12.170 lbs. fat.	{	Pontiac Butter Boy 327 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Asylum Kaastra 42635.		Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
				Asylum 21997.
				Tiet Kaastra 3d 14163.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved January 31, 1902.

Official Butter Record: Dropped calf March 5, 1905, at 3 y. 1 m. 4 d. of age; commenced record April 28, 1905; closed record May 4; 7 days' production 12.170 lbs. butter fat; milk 335.5 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**NO. 4296. THEKLA IVY 57157.**

THEKLA IVY 4296 A. R. O. In 3 y. 10 m. 12 d., 12.862 lbs. fat.	{	Sir Inka Netherland Hartog 26693.	{	Sir Inka Artis Mechthilde 191 A. R.
		Pontiac Ivy 3947 A. R. O. In 5 y. 4 m. 8 d., 12.503 lbs. fat.		Netherland Pietertje Hartog 1181 A. R. O. In 4 y. 1 m. 14 d., 10.972 lbs. fat.
				Pontiac Butter Boy 327 A. R.
				Asylum Ivy 42681.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved April 28, 1901.

Official Butter Record: Dropped calf March 10, 1905, at 3 y. 10 m. 12 d. of age; commenced record April 26, 1905; closed record May 2; 7 days' production 12.862 lbs. butter fat; milk 322.7 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.



**NO. 4297. RYMA ZWELLE 57622.**

RYMA ZWELLE 4297 A. R. O. In 3 y. 8 m. 23 d., 16.359 lbs. fat.	{	Pontiac Butter Boy 327 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
		Asylum Zwelle 42633.	{ Asylum 21997.
			{ Zwelle 10852.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved June 16, 1901.

Official Butter Record: Dropped calf March 9, 1905, at 3 y. 8 m. 23 d. of age; commenced record April 28, 1905; closed record May 4; 7 days' production 16.357 lbs. butter fat; milk 488.5 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**NO. 4298. ABRONIA 42632.**

ABRONIA 4298 A. R. O. In 9 y. 10 m. 2 d., 12.831 lbs. fat.	{	Leda's Champion Wayne 20257.	{ Aaggie 3d's Champion 11136.
			{ Leda 1677 D. F.
		Isonomia 11233.	{ Prince of Genoa 2226 H.
			{ Prairie Bird 6801 H.

Owned by Northern Michigan Asylum, Traverse City, Mich. Bred by C. H. Kruger & Co., Lisbon, Ia. Calved April 24, 1895.

Official Butter Record: Dropped calf February 26, 1905, at 9 y. 10 m. 2 d. of age; commenced record April 26, 1905; closed record May 2; 7 days' production 12.831 lbs. butter fat; milk 382.4 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**NO. 4299. LAUNDRY MAID 42898.**

LAUNDRY MAID 4299 A. R. O. In 8 y. 7 m. 17 d., 13.500 lbs. fat.	{	Manistee 21996.	{ Easy 17743.
			{ Tiet Kaastra 4th 25005.
		Doretha 19170.	{ Seer 5027.
			{ De Flora 10851.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved August 11, 1896.

Official Butter Record: Dropped calf March 28, 1905, at 8 y. 7 m. 17 d. of age; commenced record April 26, 1905; closed record May 2; 7 days' production 13.500 lbs. butter fat; milk 397.7 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**NO. 4300. PLUSH PONTIAC 50868.**

PLUSH PONTIAC 4300 A. R. O. In 5 y. 7 m. 19 d., 12.138 lbs. fat.	{	Pontiac Butter Boy 327 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
		Plush Saxe 42629.	{ Saxe 14573.
			{ Plush Bawn 25007.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved August 19, 1899.

Official Butter Record: Dropped calf April 8, 1905, at 5 y. 7 m. 19 d. of age; commenced record April 28, 1905; closed record May 4; 7 days' production 12.138 lbs. butter fat; milk 346.5 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**NO. 4301. SWEET ECHO 46211.**

SWEET ECHO 4301 A. R. O. In 7 y. 4 m. 26 d., 13.420 lbs. fat.	{	Prince Echo 22966.	{ Hugh Rhoda Mercedes 15855.
			{ Echo Colusa 36419.
		Lady Sweet 42666.	{ Jack Sturtevant 13359.
			{ Lady Stanhope 11198.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved November 10, 1897.

Official Butter Record: Dropped calf April 6, 1905, at 7 y. 4 m. 26 d. of age; commenced record April 28, 1905; closed record May 4; 7 days' production 13.420 lbs. butter fat; milk 423.6 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**NO. 4302. PONTIAC KAASTRA 50866.**

PONTIAC KAASTRA 4302 A. R. O. In 5 y. 2 m. 23 d., 14.020 lbs. fat.	{	Pontiac Butter Boy 327 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.
		Asylum Kaastra 42635.	{ Asylum 21997.
			{ Tiet Kaastra 3d 14163.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved December 15, 1899.

Official Butter Record: Dropped calf March 8, 1905, at 5 y. 2 m. 23 d. of age; commenced record April 26, 1905; closed record May 2; 7 days' production 14.020 lbs. butter fat; milk 425.8 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**NO. 4303. ZWEN ECHO 46210.**

ZWEN ECHO 4303 A. R. O.  
In 7 y. 4 m. 13 d., 14.980  
lbs. fat.

Prince Echo 22966.

{ Hugh Rhoda Mercedes  
15855.

{ Echo Colusa 36419.

{ Zwen 10854.

{ Tell 128 D. F.

{ Vellinga 362 D. F.

Owned and bred by Northern Michigan Asylum, Traverse City, Mich. Calved November 21, 1897.

Official Butter Record: Dropped calf April 4, 1905, at 7 y. 4 m. 13 d. of age; commenced record April 28, 1905; closed record May 4; 7 days' production 14.980 lbs. butter fat; milk 474.4 lbs.

Attested by L. E. Seelye, Michigan Agricultural Experiment Station.

**NO. 4304. HILLSIDE REBECCA 75642.**

HILLSIDE REBECCA 4304  
A. R. O. In 4 y. 9 m. 10  
d., 14.961 lbs. fat.

{ Sir Count Arthur 354 A. R.

{ Count Paul De Kol 324 A. R.

{ Dreda Colantha 31887.

{ Lightsome 3d 29753.

{ Netherland Duke Clothilde  
14100.

{ Lightsome 208 A. R. P. In  
7 y. 5 d., 16,793 13-16 lbs.  
milk 1 y.

Owned and bred by J. N. Conyngham, Wilkes-Barre, Pa. Calved June 8, 1900.

Official Butter Record: Dropped calf March 18, 1905, at 4 y. 9 m. 10 d. of age; commenced record April 24, 1905; closed record April 30; 7 days' production 14.961 lbs. butter fat; milk 438.9 lbs.

Attested by A. W. Clark, Pennsylvania Agricultural Experiment Station.

**NO. 4305. HILLSIDE MABEL 75641.**

HILLSIDE MABEL 4305 A.  
R. O. In 5 y. 11 m. 14 d.,  
13.095 lbs. fat.

{ Sir Count Arthur 354 A. R.

{ Count Paul De Kol 324  
A. R.

{ Dreda Colantha 31887.

{ Lightsome 3d 29753.

{ Netherland Duke Clothilde  
14100.

{ Lightsome 208 A. R. P. In  
7 y. 5 d., 16,793 13-16 lbs.  
milk 1 y.

Owned and bred by J. N. Conyngham, Wilkes-Barre, Pa. Calved March 19, 1899.

Official Butter Record: Dropped calf March 3, 1905, at 5 y. 11 m. 14 d. of age; commenced record April 24, 1905; closed record April 30; 7 days' production 13.095 lbs. butter fat; milk 382.5 lbs.

Attested by A. W. Clark, Pennsylvania Agricultural Experiment Station.

**NO. 4306. HILLSIDE ALEXANDER 75652.**

<b>HILLSIDE ALEXANDER</b> 4306 A. R. O. In 6 y. 9 m. 28 d., 13.825 lbs. fat.	{	Sir Count Arthur 354 A. R.	{	Count Paul De Kol 324 A. R.
		Hillside Esther 33191.	{	Dreda Colantha 31887.
			{	Netherland Duke Clothilde 14100.
			{	Esther Alexander 149 A. R. P. In 2 y. 7 m. 2 d., 13,901 1-16 lbs. milk 1 y.

Owned and bred by J. N. Conyngham, Wilkes-Barre, Pa. Calved March 28, 1898.

Official Butter Record: Dropped calf January 26, 1905, at 6 y. 9 m. 28 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 13.825 lbs. butter fat; milk 441.5 lbs.

Attested by H. S. Stone, Cornell University Agricultural Experiment Station.

**NO. 4307. HILLSIDE DUCHESS 75647.**

<b>HILLSIDE DUCHESS 4307</b> A. R. O. In 9 y. 28 d., 13.863 lbs. fat.	{	Netherland Duke Clothilde 14100.	{	Sir Netherland Clothilde 86 A. R.
		Hillside Aaggie 24877.	{	Clothilde 2d's Duchess 207 A. R. P. In 2 y. 1 m. 4 d., 12 lbs. butter by churn.
			{	Superb Dudley 9926.
			{	Aaggie Rosa 44 A. R. P. In 8 y. 8 m. 19 d., 16 lbs. 3 oz. butter by churn.

Owned and bred by J. N. Conyngham, Wilkes-Barre, Pa. Calved January 8, 1896.

Official Butter Record: Dropped calf February 6, 1905, at 9 y. 28 d. of age; commenced record March 17, 1905; closed record March 23; 7 days' production 13.863 lbs. butter fat; milk 395.1 lbs.

Attested by H. S. Stone, Cornell University Agricultural Experiment Station.

**NO. 4308. HILLSIDE MOLLY 76146.**

<b>HILLSIDE MOLLY 4308</b> A. R. O. In 11 y. 4 m. 11 d., 14.147 lbs. fat.	{	Netherland Duke Clothilde 14100.	{	Sir Netherland Clothilde 86 A. R.
		Nelly Pricemore 11476.	{	Clothilde 2d's Duchess 207 A. R. P. In 2 y. 1 m. 4 d., 12 lbs. butter by churn.
			{	Robertus 2d 2043.
			{	Pricemore 10258 H.

Owned by J. N. Conyngham, Wilkes-Barre, Pa. Bred by W. L. Conyngham, Wilkes-Barre, Pa. Calved September 20, 1893.

Official Butter Record: Dropped calf February 1, 1905, at 11 y. 4 m. 11 d. of age; commenced record April 24, 1905; closed record April 30; 7 days' production 14.147 lbs. butter fat; milk 413.6 lbs.

Attested by A. W. Clark, Pennsylvania Agricultural Experiment Station.

**NO. 4309. HILLSIDE MARY 76142.**

HILLSIDE MARY 4309 A. R. O. In 8 y. 8 m. 17 d., 14.841 lbs. fat.	{	Sir Count Arthur 354 A. R.	{	Count Paul De Kol 324 A. R.
		Hillside Esther 33191.		Dreda Colantha 31887.
			{	Netherland Duke Clothilde 14100.
			{	Esther Alexander 149 A. R. P. In 2 y. 7 m. 2 d., 13,901 1-16 lbs. milk 1 y.

Owned and bred by J. N. Conyngham, Wilkes-Barre, Pa. Calved April 4, 1896.

Official Butter Record: Dropped calf December 21, 1904, at 8 y. 8 m. 17 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 14.841 lbs. butter fat; milk 453.5 lbs.

Attested by H. S. Stone, Cornell University Agricultural Experiment Station.

**NO. 4310. HILLSIDE MINERVA 75653.**

HILLSIDE MINERVA 4310 A. R. O. In 5 y. 9 m. 22 d., 14.906 lbs. fat.	{	Sir Count Arthur 354 A. R.	{	Count Paul De Kol 324 A. R.
		Hillside Esther 33191.		Dreda Colantha 31887.
			{	Netherland Duke Clothilde 14100.
			{	Esther Alexander 149 A. R. P. In 2 y. 7 m. 2 d., 13,901 1-16 lbs. milk 1 y.

Owned and bred by J. N. Conyngham, Wilkes-Barre, Pa. Calved March 24, 1899.

Official Butter Record: Dropped calf January 16, 1905, at 5 y. 9 m. 22 d. of age; commenced record March 15, 1905; closed record March 21; 7 days' production 14.906 lbs. butter fat; milk 492.3 lbs.

Attested by H. S. Stone, Cornell University Agricultural Experiment Station.

**NO. 4311. HILLSIDE ALMA 75651.**

HILLSIDE ALMA 4311 A. R. O. In 7 y. 7 m. 1 d., 15.123 lbs. fat.	{	Sir Count Arthur 354 A. R.	{	Count Paul De Kol 324 A. R.
		Hillside Esther 33191.		Dreda Colantha 31887.
			{	Netherland Duke Clothilde 14100.
			{	Esther Alexander 149 A. R. P. In 2 y. 7 m. 2 d., 13,901 1-16 lbs. milk 1 y.

Owned and bred by J. N. Conyngham, Wilkes-Barre, Pa. Calved May 26, 1897.

Official Butter Record: Dropped calf December 27, 1904, at 7 y. 7 m. 1 d. of age; commenced record March 17, 1905; closed record March 23; 7 days' production 15.123 lbs. butter fat; milk 465.8 lbs.

Attested by H. S. Stone, Cornell University Agricultural Experiment Station.



**NO. 4312. HILLSIDE LITA 76139.**

HILLSIDE LITA 4312 A.  
R. O. In 8 y. 10 m. 24 d.,  
19.807 lbs. fat.

{ Sir Count Arthur 354 A. R. { Count Paul De Kol 324  
A. R.  
Dreda Colantha 31887.  
  
{ Hillside Julia 76138. { Netherlands Duke Clothilde  
14100.  
Young Pricemore 2d 25286.

Owned and bred by J. N. Conyngham, Wilkes-Barre, Pa. Calved May 13, 1896.  
Official Butter Record: Dropped calf April 7, 1905, at 8 y. 10 m. 24 d. of  
age; commenced record April 24, 1905; closed record April 30; 7 days' production  
19.807 lbs. butter fat; milk 554.4 lbs.

Attested by A. W. Clark, Pennsylvania Agricultural Experiment Station.

**NO. 4313. VANDER LEI SUPERB 2D 76137.**

VANDER LEI SUPERB 2d  
4313 A. R. O. In 9 y. 1  
m. 23 d., 19.724 lbs. fat.

{ Netherlands Duke Clothilde  
14100. { Sir Netherlands Clothilde 86  
A. R.  
Clothilde 2d's Duchess 207  
A. R. P. In 2 y. 1 m. 4  
d., 12 lbs. butter by churn.  
  
{ Vander Lei Superb 76136. { Superb Dudley 9926.  
Vander Lei 3d 612 A. R. P.  
In 6 y. 9 m. 18 d., 18,803  
5-16 lbs. milk 1 y.

Owned and bred by J. N. Conyngham, Wilkes-Barre, Pa. Calved December 30,  
1895.

Official Butter Record: Dropped calf February 23, 1905; at 9 y. 1 m. 23 d.  
of age; commenced record April 24, 1905; closed record April 30; 7 days' pro-  
duction 19.724 lbs. butter fat; milk 571.6 lbs.

Attested by A. W. Clark, Pennsylvania Agricultural Experiment Station.

**NO. 4314. PAULINE STAR 49887.**

PAULINE STAR 4314 A.  
R. O. In 5 y. 5 m. 18 d.,  
13.440 lbs. fat.

{ Paul De Kol 4th 127 A. R. { Paul De Kol 97 A. R.  
Star's Netherlands 963 A. R.  
O. In 7 y. 10 m. 19 d.,  
16.675 lbs. fat.  
  
{ May Pauline Paul 46708. { Paul De Kol 97 A. R.  
Prairie Flower's Pauline Paul  
2d 1225 A. R. O. In 5 y.  
7 m. 5 d., 13.058 lbs. fat.

Owned by J. N. Conyngham, Wilkes-Barre, Pa. Bred by T. G. Yeomans & Sons,  
Walworth, N. Y. Calved September 1, 1899.

Official Butter Record: Dropped calf February 19, 1905, at 5 y. 5 m. 18 d.  
of age; commenced record March 15, 1905; closed record March 21; 7 days' pro-  
duction 13.440 lbs. butter fat; milk 421.7 lbs.

Attested by H. S. Stone, Cornell University Agricultural Experiment Station.

**NO. 4315. DE KOL IDEAL BESSIE 2D 66960.**

DE KOL IDEAL BESSIE 2d 4315 A. R. O. In 1 y. 9 m. 20 d., 7.393 lbs. fat.	{	Pauline Paul 2d's Count's De Kol A. 29827.	{	Pauline Paul 2d's Count's De Kol 26974.
			{	Musa Dora's Aaggie 4th 47934.
	{	De Kol Ideal Bessie 60477.	{	De Kol 2d's Paul De Kol Beauty 25461. Bessie Netherland Ideal 52158.

Owned by W. H. Grenell, Pierrepont Manor, N. Y. Bred by George H. Ensign, Nelson, N. Y. Calved June 12, 1903.

Official Butter Record: Dropped calf April 2, 1905, at 1 y. 9 m. 20 d. of age; commenced record April 21, 5 p. m., 1905; closed record April 28, 11 a. m.; 7 days' production 7.393 lbs. butter fat; milk 247.2 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**NO. 4316. AAGGIE GRACE BELLE 59837.**

AAGGIE GRACE BELLE 4316 A. R. O. In 3 y. 11 m. 18 d., 13.389 lbs. fat.	{	Aaggie Grace Sir De Kol 199 A. R.	{	Manor De Kol 130 A. R.
			{	Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
	{	Manor Belle 33065.	{	Netherland Van Friesland 205 A. R. Manor Beets 14056.

Owned and bred by W. H. Grenell, Pierrepont Manor, N. Y. Calved April 18, 1901.

Official Butter Record: Dropped calf April 6, 1905, at 3 y. 11 m. 18 d. of age; commenced record April 20, 11 p. m., 1905; closed record April 27, 5 p. m.; 7 days' production 13.389 lbs. butter fat; milk 411 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**DE KOL WITKOP WAYNE 1961 A. R. O. 50976.**

DE KOL WITKOP WAYNE 1961 A. R. O. In 5 y. 11 m. 17 d., 30.967 lbs. fat 14 d.	{	De Kol Prince of Wayne 23578.	{	Prince Pietertje De Kol 22238.
			{	Marble Princess of Wayne 31594.
	{	Manor De Kol Witkop 46600.	{	Manor De Kol 130 A. R. Netherland Van Friesland's Witkop 28497.

Owned by W. H. Grenell, Pierrepont Manor, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 20.]

Second Official Butter Record: Dropped calf April 7, 1905, at 5 y. 11 m. 17 d. of age; commenced record April 15, 5 p. m., 1905; closed record April 22, 11 a. m.; 7 days' production 15.635 lbs. butter fat; milk 399.2 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf April 7, 1905, at 5 y. 11 m. 17 d. of age; commenced record April 14, 11 p. m., 1905; closed record April 28, 5 p. m.; 14 days' production 30.967 lbs. butter fat; milk 805.1 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**NO. 4317. CORAL DE KOL PET MARJORIE 63102.**

CORAL DE KOL PET MARJORIE 4317 A. R. O. In 2 y. 10 m. 23 d., 10.386 lbs. fat.	{	Aaggie Grace Sir De Kol 199 A. R.	{	Manor De Kol 130 A. R. Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
		Coral De Kol's Pet 2435 A. R. O. In 5 y. 10 m. 18 d., 16.272 lbs. fat.		Zur Lady's Pietertje Duke 206 A. R. Coral De Kol 36150.

Owned and bred by W. H. Grenell, Pierrepont Manor, N. Y. Calved April 23, 1902.

Official Butter Record: Dropped calf March 16, 1905, at 2 y. 10 m. 23 d. of age; commenced record April 18, 11 p. m., 1905; closed record April 25, 5 p. m.; 7 days' production 10.386 lbs. butter fat; milk 259 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**PIETERTJE PLEDGE PRINCESS 2411 A. R. O. 48346.**

PIETERTJE PLEDGE PRINCESS 2411 A. R. O. In 6 y. 4 m. 22 d., 152.740 lbs. fat 60 d.	{	Inka Princess Pietertje Pledge 140 A. R.	{	Inka Pledge 20620. Inka Princess 867 A. R. P. In 1 y. 11 m. 10 d., 15 lbs. 10 oz. butter by churn.
		Griselda of Brookfield 1618 A. R. O. In 6 y. 9 m. 22 d., 16.194 lbs. fat.		Tweede Kornelis V. Mooie 229 A. R. Siebriegje of Brookfield 10722.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 267, Vol. XV, page 316.]

Third Official Butter Record: Dropped calf February 18, 1905, at 6 y. 4 m. 22 d. of age; commenced record March 13, 11 p. m., 1905; closed record March 20, 5 p. m.; 7 days' production 19.625 lbs. butter fat; milk 551.4 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 18, 1905, at 6 y. 4 m. 22 d. of age; commenced record February 27, 1905; closed record March 28; 30 days' production 77.525 lbs. butter fat; milk 2,169.9 lbs.

Official Butter Record: Sixty consecutive days. Dropped calf February 18, 1905, at 6 y. 4 m. 22 d. of age; commenced record February 27, 1905; closed record April 27; 60 days' production 152.740 lbs. butter fat; milk 4,410.3 lbs.

Attested by C. C. Cole and Mark B. Bacon, Cornell University Agricultural Experiment Station.

**GLEN ROSE DE KOL 1909 A. R. O. 48806.**

GLEN ROSE DE KOL 1909 A. R. O. In 6 y. 9 m. 12 d., 74.987 lbs. fat 30 d.	{	De Kol Burke 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Glen Rose 3d 44121.		Helena Burke 1140 A. R. O. In 7 y. 8 m. 10 d., 20.364 lbs. fat.
			{	Nierop's Netherland 8th 158 A. R.
			{	Glen Rose 3927.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XII, page 120, Vol. XV, page 415.]

Third Official Butter Record: Dropped calf March 14, 1905, at 6 y. 9 m. 12 d. of age; commenced record April 20, 5 p. m., 1905; closed record April 27, 11 a. m.; 7 days' production 19.326 lbs. butter fat; milk 567 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf March 14, 1905, at 6 y. 9 m. 12 d. of age; commenced record March 30, 1905; closed record April 28; 30 days' production 74.987 lbs. butter fat; milk 2,250.1 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**NO. 4318. MAY PIETERTJE 2D 48696.**

MAY PIETERTJE 2d 4318 A. R. O. In 6 y. 1 m. 24 d., 73.602 lbs. fat 30 d.	{	Count Akkrum 23758.	{	Count Akkrum De Kol 22447.
		May Pietertje 43151.		Anna 2d's Pietertje 34291.
			{	Gold Coin Pietertje 19920.
			{	Nan Kuperus 37786.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by W. B. Wood, Randallsville, N. Y. Calved December 28, 1898.

Official Butter Record: Dropped calf February 22, 1905, at 6 y. 1 m. 24 d. of age; commenced record March 30, 11 a. m., 1905; closed record April 6, 5 a. m.; 7 days' production 18.740 lbs. butter fat; milk 510.6 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 22, 1905, at 6 y. 1 m. 24 d. of age; commenced record March 20, 11 p. m., 1905; closed record April 19, 5 p. m.; 30 days' production 73.602 lbs. butter fat; milk 2,078.7 lbs.

Attested by H. S. Williams and H. D. Smith, Cornell University Agricultural Experiment Station.

**KORNDYKE QUEEN DE KOL 1549 A. R. O. 41934.**

<b>KORNDYKE QUEEN DE KOL 1549 A. R. O.</b> In 6 y. 7 m. 19 d., 349.636 lbs. fat 182½ d.	{	Manor De Kol 130 A. R.	{	De Kol 2d's Netherland 118 A. R.
				Netherland Hengerveld 1138 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.
	{	Belle Korndyke 1449 A. R. O. In 10 y. 9 m. 13 d., 20.615 lbs. fat.	{	Silvan Hartog 8161.
				Kate Korndyke 238 D. F.

Owned by Henry Stevens & Son, Lacona, N. Y.

[Entry of additional records. For previous records see Vol. X, page 83, Vol. XIII, page 45, Vol. XIV, page 81, Vol. XV, page 289.]

Fifth Official Butter Record: Dropped calf March 1, 1905, at 9 y. 4 m. 3 d. of age; commenced record March 27, 11 a. m., 1905; closed record April 3, 5 a. m.; 7 days' production 19.398 lbs. butter fat; milk 525.1 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf March 1, 1905, at 9 y. 4 m. 3 d. of age; commenced record March 19, 1905; closed record April 17; 30 days' production 78.681 lbs. butter fat; milk 2,230.1 lbs.

Attested by H. S. Williams and H. D. Smith, Cornell University Agricultural Experiment Station.

**NO. 4319. LEILA PALMER DE KOL 57415.**

<b>LEILA PALMER DE KOL 4319 A. R. O.</b> In 4 y. 1 m. 11 d., 11.461 lbs. fat.	{	De Kol 2d's Butter Boy 2d 304 A. R.	{	Empress Josephine 3d's Sir Mechthilde 20255.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Lady Carlotta De Kol 42862.	{	De Kol Barrington 21413.
				Milton's Benedicta's Carlotta 36052.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by H. A. Medlong, Oswego, N. Y. Calved January 3, 1901.

Official Butter Record: Dropped calf February 14, 1905, at 4 y. 1 m. 11 d. of age; commenced record March 22, 5 a. m., 1905; closed record March 28, 11 p. m.; 7 days' production 11.461 lbs. butter fat; milk 359.1 lbs.

Attested by H. S. Williams, Cornell University Agricultural Experiment Station.



**NO. 4320. COUNTESS DE KOL BAWN 68971.**

COUNTESS DE KOL BAWN 4320 A. R. O. In 2 y. 21 d., 10.757 lbs. fat.	{	Pietertje Hengerveld's Count De Kol 135 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
		Bawn Buckeye 5th 3403 A. R. O. In 5 y. 24 d., 12.133 lbs. fat.	{ Pauline Paul's Grandson's Clothilde 279 A. R.
			{ Bawn Buckeye 34770.

Owned by Wing R. Smith, Syracuse, N. Y. Bred by O. P. Chapman, Wellington,  
O. Calved March 15, 1903.

Official Butter Record: Dropped calf April 6, 1905, at 2 y. 21 d. of age;  
commenced record April 22, 10.30 a. m., 1905; closed record April 29, 4.30 a. m.;  
7 days' production 10.757 lbs. butter fat; milk 311.1 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 4321. NORA INKA PIETERTJE 44373.**

NORA INKA PIETERTJE 4321 A. R. O. In 7 y. 8 m. 25 d., 16.028 lbs. fat.	{	Sir Inka Artis Mechthilde 191 A. R.	{ Yankee Anna Sir J. Echo Mechthilde 18924.
			{ Inka Darkness 2d's Artis 24636.
		Nora B. Pietertje 42112.	{ Milla's Pietertje Netherland 83 A. R.
			{ Nora A. of Oneida 18308.

Owned by Richard Hicks, Auburn, N. Y. Bred by Henry Stevens & Sons,  
Lacona, N. Y. Calved April 6, 1897.

Official Butter Record: Dropped calf December 31, 1904, at 7 y. 8 m. 25 d.  
of age; commenced record February 1, 1905; closed record February 7; 7 days'  
production 16.028 lbs. butter fat; milk 486.2 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment  
Station.

**NO. 4322. HENGERVELD DE KOL PIETERTJE 56928.**

HENGERVELD DE KOL PIETERTJE 4322 A. R. O. In 4 y. 8 m. 27 d., 13.011 lbs. fat.	{	Pietertje Hengerveld's Count De Kol 135 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
		May Beets 1508 A. R. O. In 2 y. 7 m., 8.768 lbs. fat.	{ King Pietertje 20436.
			{ Black Beets 35165.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by A. F. Cole, Morrisville Station, N. Y. Calved August 23, 1900.

Official Butter Record: Dropped calf December 20, 1904, at 4 y. 3 m. 27 d. of age; commenced record January 31, 1905; closed record February 6; 7 days' production 13.011 lbs. butter fat; milk 377.1 lbs.

Attested by D. Curtis Stanion, Cornell University Agricultural Experiment Station.

#### NO. 4323. MAPLE RIDGE BEAUTY 63386.

<b>MAPLE RIDGE BEAUTY</b> 4323 A. R. O. In 3 y. 25 d., 15.159 lbs. fat.	{ Sir Small Hopes De Kol 26530.	{ Hamilton De Kol 22814.
		{ Small Hopes Aaggie 2d 1501 A. R. O. In 6 y. 11 m. 14 d., 14.461 lbs. fat.
	{ Carlotta Artis Paul 55117.	{ Sir Carlotta Netherland Pietertje 25532.
		{ Tehee Artis Paul 3192 A. R. O. In 7 y. 7 m. 19 d., 15.196 lbs. fat.

Owned by H. F. Mayne, Burlington Flats, N. Y. Bred by C. H. Fitch, Burlington Flats, N. Y. Calved March 11, 1902.

Official Butter Record: Dropped calf April 6, 1905, at 3 y. 25 d. of age; commenced record April 26, 10.30 p. m., 1905; closed record May 3, 4.30 p. m.; 7 days' production 15.159 lbs. butter fat; milk 460.4 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

#### NO. 4324. ROYAL ANNELIDA 60072.

<b>ROYAL ANNELIDA</b> 4324 A. R. O. In 4 y. 4 d., 11.167 lbs. fat.	{ Netherland Duke Royal 26824.	{ Perfection's Royal Pietertje Netherland 247 A. R.
		{ Carlotta A's Pietertje 38012.
	{ Annelida 3d 9110.	{ Hartog Twisk 2d 713 D. F.
		{ Annelida 1678 D. F.

Owned by H. F. Mayne, Burlington Flats, N. Y. Bred by Perry Talbot, Edmes-ton, N. Y. Calved April 7, 1901.

Official Butter Record: Dropped calf April 11, 1905, at 4 y. 4 d. of age; commenced record April 25, 10.30 a. m., 1905; closed record May 2, 4.30 a. m.; 7 days' production 11.167 lbs. butter fat; milk 375.8 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**NO. 4325. MAPLE RIDGE TEKSTRA 68945.**

MAPLE RIDGE TEKSTRA 4325 A. R. O. In 1 y. 11 m. 29 d., 11.939 lbs. fat.	{	Sir Small Hopes De Kol 26530.	{	Hamilton De Kol 22814.
		Venango 2d's Pietertje 60593.		Small Hopes Aaggie 2d 1501 A. R. O. In 6 y. 11 m. 14 d., 14.461 lbs. fat.
				Thorla Duke 23233.
				Venango 2d 28924.

Owned by H. F. Mayne, Burlington Flats, N. Y. Bred by C. H. Fitch, Burlington Flats, N. Y. Calved March 31, 1903.

Official Butter Record: Dropped calf March 30, 1905, at 1 y. 11 m. 29 d. of age; commenced record April 26, 10.30 p. m., 1905; closed record May 3, 4.30 p. m.; 7 days' production 11.939 lbs. butter fat; milk 464.7 lbs.

Attested by F. E. Peck, Cornell University Agricultural Experiment Station.

**OPHELIA DE KOL HENGERVELD 3400 A. R. O. 63286.**

OPHELIA DE KOL HENGERVELD 3400 A. R. O. In 3 y. 26 d., 13.578 lbs. fat.	{	Pietertje Hengerveld's Count De Kol 135 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Ophelia Jane 2d 3405 A. R. O. In 5 y. 3 m. 17 d., 15.140 lbs. fat.		Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
				Pauline Paul's Grandson's Clothilde 279 A. R.
				Ophelia Jane 36873.

Owned by Wing R. Smith, Syracuse, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 339.]

Second Official Butter Record: Dropped calf March 27, 1905, at 3 y. 26 d. of age; commenced record April 22, 10.30 a. m., 1905; closed record April 29, 4.30 a. m.; 7 days' production 13.578 lbs. butter fat; milk 428.3 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**PONTIAC MAGADORA 3532 A. R. O. 56971.**

PONTIAC MAGADORA 3532 A. R. O. In 3 y. 8 m. 19 d., 12.110 lbs. fat.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Lady Akkrum's Pietertje 30667.		Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
				Milla's Pietertje Netherland 83 A. R.
				Lady Akkrum 8153 H.

Owned by E. H. Dollar, Heuvelton, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 412.]

Second Official Butter Record: Dropped calf March 6, 1905, at 3 y. 8 m. 19 d. of age; commenced record March 13, 5 a. m., 1905; closed record March 19, 11 p. m.; 7 days' production 12.110 lbs. butter fat; milk 391.7 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**PONTIAC MABEL 3540 A. R. O. 56968.**

PONTIAC MABEL 3540 A. R. O. In 3 y. 9 m. 16 d., 24.998 lbs. fat 14 d.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
				Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
		Mabel C. E. 2d 32784.	{	Gipe 12812.
				Mabel C. E. 23843.

Owned by E. H. Dollar, Heuvelton, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 417.]

Second Official Butter Record: Dropped calf February 15, 1905, at 3 y. 9 m. 16 d. of age; commenced record March 2, 11 p. m., 1905; closed record March 9, 5 p. m.; 7 days' production 12.660 lbs. butter fat; milk 319.7 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf February 15, 1905, at 3 y. 9 m. 16 d. of age; commenced record February 24, 5 p. m., 1905; closed record March 10, 11 a. m.; 14 days' production 24.998 lbs. butter fat; milk 622.3 lbs.

Attested by George H. West, Cornell University Agricultural Experiment Station.

**VINETTE PAULINE DE KOL 2925 A. R. O. 53941.**

VINETTE PAULINE DE KOL 2925 A. R. O. In 4 y. 11 m. 10 d., 16.842 lbs. fat.	{	De Kol 2d's Paul De Kol 107 A. R.	{	Paul De Kol 97 A. R.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Vinette's Pet 2d 11338.	{	Oswald 3d 643.
				Vinette's Pet 4388.

Owned by E. C. Brill, Poughquag, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 64.]

Second Official Butter Record: Dropped calf April 3, 1905, at 4 y. 11 m. 10 d. of age; commenced record April 21, 11 p. m., 1905; closed record April 28, 5 p. m.; 7 days' production 16.842 lbs. butter fat; milk 545.4 lbs.

Attested by H. S. Williams, Cornell University Agricultural Experiment Station.

**CLOTHILDE VERNON DE KOL 3415 A. R. O. 61216.**

CLOTHILDE VERNON DE KOL 3415 A. R. O. In 2 y. 9 m. 10 d., 55.717 lbs. fat 30 d.	{	Sir Clothilde De Kol Netherland 28707.	{	Lord Netherland De Kol 245 A. R.
				Eliza Clothilde 41998.
		Hetje Vernon De Kol 4045 A. R. O. In 4 y. 11 m. 1 d., 14.535 lbs. fat.	{	Homestead Vernon De Kol 220 A. R.
				Hetje 6th's Mechthilde 1388 A. R. O. In 7 y. 11 m. 4 d., 14.088 lbs. fat.

Owned by J. W. Dimick, Rifton, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 346.]

Second Official Butter Record: Dropped calf March 6, 1905, at 2 y. 9 m. 10 d. of age; commenced record March 28, 1905; closed record April 3; 7 days' production 13.323 lbs. butter fat; milk 415.9 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf March 6, 1905, at 2 y. 9 m. 10 d. of age; commenced record March 19, 10.45 a. m., 1905; closed record April 18, 4.45 a. m.; 30 days' production 55.717 lbs. butter fat; milk 1,719.5 lbs.

Attested by Dwight E. Carley and William D. Wheelock, Cornell University Agricultural Experiment Station.

#### NO. 4326. MECHTHILDE PARTHENEAE DE KOL 62992.

MECHTHILDE PARTHENEAE DE KOL 4326 A. R. O. In 2 y. 9 m. 18 d., 24.250 lbs. fat 14 d.	De Kol 2d's Netherland 2d 26865.	De Kol 2d's Netherland 118 A. R.
	Queen Mechthilde Parthenaea 41672.	Nina Pauline 34815.  Parthenaea's Second Sir Henry 12366. Mechthilde 2d 11339.

Owned by G. F. Blewer, Weltonville, N. Y. Bred by William Rood, Binghamton, N. Y. Calved June 29, 1902.

Official Butter Record: Dropped calf April 17, 1905, at 2 y. 9 m. 18 d. of age; commenced record May 3, 9 p. m., 1905; closed record May 10, 1 p. m.; 7 days' production 12.408 lbs. butter fat; milk 350.9 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf April 17, 1905, at 2 y. 9 m. 18 d. of age; commenced record April 26, 9 p. m., 1905; closed record May 10, 1 p. m.; 14 days' production 24.250 lbs. butter fat; milk 699 lbs.

Attested by G. W. Allen, Cornell University Agricultural Experiment Station

#### NO. 4327. VINNIE'S JEWEL COLANTHA 3D 61961.

VINNIE'S JEWEL COLANTHA 3d 4327 A. R. O. In 3 y. 4 m. 13 d., 26.113 lbs. fat 14 d.	Tehee Paul De Kol 26867.	Paul Beets De Kol 118 A. R.
	Vinnie's Jewel Colantha 3861 A. R. O. In 6 y. 11 m. 7 d., 12.109 lbs. fat.	Tehee Clothilde 1378 A. R. O. In 2 y. 1 m. 20 d., 8.107 lbs. fat.  Jewel Echo's Sir Henry Colantha 16446. Vinnie 1637 H. H. B.

Owned and bred by G. F. Blewer, Weltonville, N. Y. Calved November 18, 1901.

Official Butter Record: Dropped calf April 1, 1905, at 3 y. 4 m. 13 d. of age; commenced record April 29, 9 p. m., 1905; closed record May 6, 1 p. m.; 7 days' production 13.600 lbs. butter fat; milk 420.1 lbs.



Official Butter Record: Fourteen consecutive days. Dropped calf April 1, 1905, at 3 y. 4 m. 13 d. of age; commenced record April 25, 1905; closed record May 8; 14 days' production 26.113 lbs. butter fat; milk 806.5 lbs.

Attested by G. W. Allen, Cornell University Agricultural Experiment Station.

### **GALATIA ECHO DE KOL 3440 A. R. O. 58207.**

GALATIA ECHO DE KOL  
3440 A. R. O. In 4 y. 1  
m. 21 d., 26.647 lbs. fat  
14 d.

{ Tehee Paul De Kol 26867.

{ Paul Beets De Kol 113 A. R.

{ Tehee Clothilde 1378 A. R.  
O. In 2 y. 1 m. 20 d.,  
8.107 lbs. fat.

{ Galatia Echo 38922.

{ Jewel Echo's Sir Henry  
Colanthus 16446.

{ Galatia 5th 31756.

Owned by G. F. Blewer, Weltonville, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 363.]

Second Official Butter Record: Dropped calf April 4, 1905, at 4 y. 1 m. 21 d. of age; commenced record April 29, 1905; closed record May 5; 7 days' production 14.101 lbs. butter fat; milk 380.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf April 4, 1905, at 4 y. 1 m. 21 d. of age; commenced record April 25, 1 p. m., 1905; closed record May 9, 5 a. m.; 14 days' production 26.647 lbs. butter fat; milk 751.5 lbs.

Attested by G. W. Allen, Cornell University Agricultural Experiment Station.

### **NO. 4328. RIVERVIEW COLIE 51609.**

RIVERVIEW COLIE 4328  
A. R. O. In 6 y. 26 d.,  
16.929 lbs. fat.

{ Admiral De Kol 22152.

{ De Kol 2d's Alban 216 A. R.

{ Meadow Lily 5th's De Kol  
30167.

{ Colie 3d 33968.

{ Gelsche 2d's Hamilton 18178.

{ Colie 8582.

Owned by G. F. Blewer, Weltonville, N. Y. Bred by Charles A. Wheeler, Deposit, N. Y. Calved March 27, 1899.

Official Butter Record: Dropped calf April 23, 1905, at 6 y. 26 d. of age; commenced record May 3, 1905; closed record May 9; 7 days' production 16.929 lbs. butter fat; milk 491.9 lbs.

Attested by G. W. Allen, Cornell University Agricultural Experiment Station.

**NO. 4329. AAGGIE GRACE KEKKE 67542.**

AAGGIE GRACE KEKKE 4329 A. R. O. In 1 y. 9 m. 25 d., 9.399 lbs. fat.	{	Aaggie Grace Sir De Kol 199 A. R.	{	Manor De Kol 130 A. R.
				Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.
	{	Manor Kekke Josephine 47324.	{	Manor Josephine De Kol 204 A. R.
				Manor Kekke 14057.

Owned and bred by W. H. Grenell, Pierrepont Manor, N. Y. Calved June 18, 1903.

Official Butter Record: Dropped calf April 13, 1905, at 1 y. 9 m. 25 d. of age; commenced record April 30, 5 p. m., 1905; closed record May 7, 11 a. m.; 7 days' production 9.399 lbs. butter fat; milk 275.8 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**NO. 4330. ODINA ONONIS JEWEL DE KOL 66739.**

ODINA ONONIS JEWEL DE KOL 4330 A. R. O. In 2 y. 1 m. 20 d., 9.860 lbs. fat.	{	Andire De Kol Butter Boy 33172.	{	De Kol's Butter Boy 181 A. R.
				Miss Andire of Dellhurst 50234.
	{	Odina Ononis Jewel Pauline 66658.	{	Wing Vergens 2d's Netherland Paul 23415.
				Ondina Ononis Jewel 50502.

Owned by W. H. Grenell, Pierrepont Manor, N. Y. Bred by F. N. Godfrey, Olean, N. Y. Calved February 26, 1903.

Official Butter Record: Dropped calf April 16, 1905, at 2 y. 1 m. 20 d. of age; commenced record May 1, 5 p. m., 1905; closed record May 8, 11 a. m.; 7 days' production 9.860 lbs. butter fat; milk 304.2 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**NO. 4331. MARY ANN GOVERS DE KOL 70045.**

MARY ANN GOVERS DE KOL 4331 A. R. O. In 1 y. 11 m. 2 d., 9.272 lbs. fat.	{	President Butter Boy 28704.	{	De Kol 2d's Butter Boy 3d Jr. 26429.
				Lola Pulaski 27538.
	{	Pauline Govers De Kol 45195.	{	Paul Hartog De Kol 22240.
				Govers 2d 5207.

Owned by E. A. Powell, Syracuse, N. Y. Bred by V. W. Johnston, Clymer, Pa. Calved April 26, 1903.

Official Butter Record: Dropped calf March 28, 1905, at 1 y. 11 m. 2 d. of age; commenced record April 11, 1905; closed record April 17; 7 days' production 9.272 lbs. butter fat; milk 287.4 lbs.

Attested by C. C. Cole, Cornell University Agricultural Experiment Station.

**NO. 4332. SEGIS BEETS DE KOL 60838.**

SEGIS BEETS DE KOL 4332 A. R. O. In 8 y. 5 m. 6 d., 14.723 lbs. fat.	{	Paul Beets De Kol 113 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.
		Segis 1028 A. R. P. In 6 y. 7 m. 1 d., 15 lbs. 8 oz. butter by churn.		

Owned by C. H. Gates, Unadilla Forks, N. Y. Bred by A. W. Brown, Unadilla Forks, N. Y. Calved November 3, 1896.

Official Butter Record: Dropped calf April 9, 1905, at 8 y. 5 m. 6 d. of age; commenced record April 28, 1905; closed record May 4; 7 days' production 14.723 lbs. butter fat; milk 453.9 lbs.

Attested by Arthur Ambler, Cornell University Agricultural Experiment Station.

**NO. 4333. NETHERLAND LOTTA PIETERTJE 2D 68468.**

NETHERLAND LOTTA PIETERTJE 2d 4333 A. R. O. In 2 y. 29 d., 7.568 lbs. fat.	{	Homestead Inka De Kol 27156.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
				Nellie Ann 1924 A. R. O. In 5 y. 10 m. 10 d., 12.884 lbs. fat.
		Netherland Lotta Pietertje 2492 A. R. O. In 2 y. 25 d., 8.074 lbs. fat.		Netherland Statesman's Prince 22132.
				Lotty Moselle's Pietertje 33159.

Owned by Max Miller, Herkimer, N. Y. Bred by Estate of C. C. Miller, Herkimer, N. Y. Calved February 28, 1903.

Official Butter Record: Dropped calf March 27, 1905, at 2 y. 29 d. of age; commenced record April 29, 1905; closed record May 5; 7 days' production 7.568 lbs. butter fat; milk 242.9 lbs.

Attested by H. H. Lyon, Cornell University Agricultural Experiment Station.

**NO. 4334. MERCEDES QUEEN DE KOL 54125.**

MERCEDES QUEEN DE KOL 4334 A. R. O. In 5 y. 17 d., 14.354 lbs. fat.	{	Admiral Paul De Kol 357 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				Aaggie Cornucopia 2d 1173 A. R. O. In 6 y. 2 m. 18 d., 15.830 lbs. fat.
		Khrone's Mercedes' Queen 37495.		Queen of the Hill's Mercedes Prince 19650.
				Khrone's Mercedes 23725.

Owned by W. A. Waite & Sons, Adams, N. Y. Bred by M. D. Eckler, Coopers-town, N. Y. Calved March 13, 1900.

Official Butter Record: Dropped calf March 30, 1905, at 5 y. 17 d. of age; commenced record April 21, 5 p. m.; closed record April 28, 11 a. m.; 7 days' production 14.354 lbs. butter fat; milk 383.9 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 4335. FLETA MAY DE KOL 55114.**

FLETA MAY DE KOL 4335 A. R. O. In 5 y. 23 d., 12.869 lbs. fat.	{	Admiral Paul De Kol 357 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
		Fleta Mercedes 50418.	{ Aaggie Cornucopia 2d 1173 A. R. O. In 6 y. 2 m. 18 d., 15.830 lbs. fat.
			{ Queen of the Hill's Mercedes Prince 19650.
			{ Khron's Mercedes Queen 37495.

Owned by W. A. Waite & Sons, Adams, N. Y. Bred by M. D. Eckler, Coopers-town, N. Y. Calved March 10, 1900.

Official Butter Record: Dropped calf April 3, 1905, at 5 y. 23 d. of age; commenced record April 26, 11 a. m., 1905; closed record May 3, 5 a. m.; 7 days' production 12.869 lbs. butter fat; milk 361.5 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 4336. BERYL LADY WALDORF 69776.**

BERYL LADY WALDORF 4336 A. R. O. In 1 y. 9 m. 7 d., 8.173 lbs. fat.	{	Beryl Wayne's Paul De Kol 306 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
		Lady Waldorf 1510 A. R. O. In 5 y. 2 m. 26 d., 69.549 lbs. fat 30 d.	{ Beryl Wayne 1177 A. R. O. In 8 y. 10 m. 12 d., 22.298 lbs. fat.
			{ Inka Princess' Pietertje Pledge 140 A. R.
			{ Waldorf Maid 1294 A. R. O. In 2 y. 3 d., 7.495 lbs. fat.

Owned by W. A. Waite & Sons, Adams, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved July 4, 1903.

Official Butter Record: Dropped calf April 11, 1905, at 1 y. 9 m. 7 d. of age; commenced record April 22, 11 p. m., 1905; closed record April 29, 5 p. m.; 7 days' production 8.173 lbs. butter fat; milk 272.2 lbs.

Attested by C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 4337. VALLEY FARM PAULINE KORNDYKE 69104.**

VALLEY FARM PAULINE KORNDYKE 4337 A. R. O. In 2 y. 18 d., 9.779 lbs. fat.	{	Korndyke Queen De Kol's Prince 255 A. R.	{	Lorraine Prince 23109.
				Korndyke Queen De Kol 1549 A. R. O. In 6 y. 7 m. 19 d., 349.636 lbs. fat 182½ d.
	{	Valley Farm Pauline De Kol 2d 3545 A. R. O. In 4 y. 24 d., 11.869 lbs. fat.	{	Pietertje Alban De Kol 173 A. R.
				Valley Farm Pauline De Kol 1696 A. R. O. In 1 y. 11 m. 25 d., 9.926 lbs. fat.

Owned and bred by Don J. Wood, West Winfield, N. Y. Calved March 14, 1903.

Official Butter Record: Dropped calf April 2, 1905, at 2 y. 18 d. of age; commenced record April 28, 9 p. m., 1905; closed record May 5, 1 p. m.; 7 days' production 9.779 lbs. butter fat; milk 283.6 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**NO. 4338. JESSIE KORNDYKE DE KOL 69103.**

JESSIE KORNDYKE DE KOL 4338 A. R. O. In 2 y. 29 d., 9.612 lbs. fat.	{	Korndyke Queen De Kol's Prince 255 A. R.	{	Lorraine Prince 23109.
				Korndyke Queen De Kol 1549 A. R. O. In 6 y. 7 m. 19 d., 349.636 lbs. fat 182½ d.
	{	Jessie Lamb De Kol A. 53234.	{	Lamb De Kol Pietertje 218 A. R.
				Jessie Lamb De Kol 2300 A. R. O. In 6 y. 1 m. 4 d., 16.360 lbs. fat.

Owned and bred by Don J. Wood, West Winfield, N. Y. Calved March 13, 1903.

Official Butter Record: Dropped calf April 12, 1905, at 2 y. 29 d. of age; commenced record April 28, 1 p. m., 1905; closed record May 5, 5 a. m.; 7 days' production 9.612 lbs. butter fat; milk 308.1 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**LUNDE DE KOL 2D 2848 A. R. O. 59847.**

LUNDE DE KOL 2d 2848 A. R. O. In 3 y. 10 m. 27 d., 12.855 lbs. fat.	{	Clothilde Topsy Burke 25122.	{	Sir Abbekerk Burke 240 A. R.
				Clothilde Artis Topsy 1241 A. R. O. In 7 y. 1 m., 18.607 lbs. fat.
	{	Lunde De Kol 2018 A. R. O. In 4 y. 11 m. 18 d., 15.278 lbs. fat.	{	Pietertje Alban De Kol 173 A. R.
				Lunde 3d's Perfection 27381.



Owned by Don J. Wood, West Winfield, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 262, Vol. XV, page 421.]

Third Official Butter Record: Dropped calf March 26, 1905, at 3 y. 10 m. 27 d. of age; commenced record April 28, 1 p. m., 1905; closed record May 5, 5 a. m.; 7 days' production 12.855 lbs. butter fat; milk 402.3 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

### VALLEY FARM ALBINA 2991 A. R. O. 60829.

VALLEY FARM ALBINA 2991 A. R. O. In 3 y. 7 m. 20 d., 12.834 lbs. fat.	{	Pietertje Alban De Kol 173 A. R.	{ De Kol 2d's Butter Boy 129 A. R.
			{ Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.
	{	Clothilde Artis June 1236 A. R. O. In 1 y. 10 m. 27 d., 7.877 lbs. fat.	{ Artis Adiantum's Clothilde 116 A. R.
			{ Jannek Lass 1032 A. R. P. In 2 y. 2 m. 21 d., 8,352½ lbs. milk 10 m.

Owned by Don J. Wood, West Winfield, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 97.]

Second Official Butter Record: Dropped calf April 3, 1905, at 3 y. 7 m. 20 d. of age; commenced record April 22, 9 p. m., 1905; closed record April 29, 1 p. m.; 7 days' production 12.834 lbs. butter fat; milk 377.9 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

### NO. 4339. JANNEK ALBINA DE KOL 3D 69108.

JANNEK ALBINA DE KOL 3d 4339 A. R. O. In 2 y. 7 d., 12.305 lbs. fat.	{	Korndyke Queen De Kol's Prince 255 A. R.	{ Lorraine Prince 23109.
			{ Korndyke Queen De Kol 1549 A. R. O. In 6 y. 7 m. 19 d., 349.636 lbs. fat 182½ d.
	{	Jannek Albina De Kol 2019 A. R. O. In 5 y. 21 d., 14.001 lbs. fat.	{ Pietertje Alban De Kol 173 A. R.
			{ Jannek Bright 2d 1113 A. R. O. In 8 y. 10 d., 14.730 lbs. fat.

Owned and bred by Don J. Wood, West Winfield, N. Y. Calved March 30, 1903.

Official Butter Record: Dropped calf April 7, 1905, at 2 y. 7 d. of age; commenced record April 26, 1 p. m., 1905; closed record May 3, 5 a. m.; 7 days' production 12.305 lbs. butter fat; milk 363 lbs.

Attested by Charles H. Kraatz, Cornell University Agricultural Experiment Station.

**NO. 4340. LADY OAK GROVE ORMSBY 70482.**

LADY OAK GROVE ORMSBY 4340 A. R. O. In 1 y. 11 m. 2 d., 10.335 lbs. fat.	{	Duchess Ormsby Piebe Burke 335 A. R.	{	Piebe De Kol Burke 165 A. R.
			{	Duchess Ormsby 1432 A. R. O. In 9 y. 10 m. 14 d., 19.418 lbs. fat.
		Maid of Oak Grove Pietertje 2448 A. R. O. In 6 y. 5 m. 21 d., 15.730 lbs. fat.	{	Sir Aaggie Pietertje 208 A. R.
			{	Maid of Oak Grove 32242.

Owned and bred by W. H. Jones, Watertown, Wis. Calved May 16, 1903.

Description: Age, 1 y. 10 m. 13 d.; long, not broad or deep form; head, long, narrow; neck, long, fine, clean cut; chine, strong, open vertebræ; loin, rather narrow; hips, low; rump, drooping; escutcheon, large, fine; mammary veins, long, small; udder, large, even, well held up; teats, rather short; handling, very pliable; secretions of skin, very yellow, oily; general appearance, healthy; height, shoulders 50 inches, hips 52; length, body 58, rump 19; width, hips 19, thurl 17; girth 68; weight, 850 lbs.; examiner, A. O. Oleson; examined March 29, 1905.

Official Butter Record: Dropped calf April 18, 1905, at 1 y. 11 m. 2 d. of age; commenced record April 29, 1905; closed record May 5; 7 days' production 10.335 lbs. butter fat; milk 294.6 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**NO. 4341. HEILO OAK BURKE 67590.**

HEILO OAK BURKE 4341 A. R. O. In 2 y. 2 m. 3 d., 11.090 lbs. fat.	{	Heilo Butter Boy Burke 29327.	{	Piebe De Kol Burke 165 A. R.
			{	Heilo 4th's Pet 1574 A. R. O. In 5 y. 6 m. 29 d., 19.934 lbs. fat.
		Lady Oak Fern 1515 A. R. O. In 6 y. 11 m. 9 d., 69.923 lbs. fat 30 d.	{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
			{	Lady Oak 1939 A. R. O. In 8 y. 11 m. 16 d., 13.957 lbs. fat.

Owned and bred by W. H. Jones, Watertown, Wis. Calved January 28, 1903.

Description: Age, 2 y. 3 m. 1 d.; wedge shaped form; head, long, broad forehead; neck, long, fine, clean cut; chine, straight, strong; loin and hips, broad, strong; rump, long, high, roomy pelvis; escutcheon, large; mammary veins, rather small, crooked; udder, flexible, well held up, quarters even; teats, medium size; handling, loose skin; secretions of skin, yellow, oily; general appearance, healthy; height, shoulders 53 inches, hips 55; length, body 62, rump 20; width, hips 22; thurl 19; girth 72; weight 900 lbs.; examiner A. O. Oleson, examined April 29, 1905.

Official Butter Record: Dropped calf March 31, 1905, at 2 y. 2 m. 3 d. of age; commenced record April 29, 1905; closed record May 5; 7 days' production 11.090 lbs. butter fat; milk 329.4 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**NO. 4342. MAY MELCHIOR 2D 49770.**

MAY MELCHIOR 2d 4342  
A. R. O. In 6 y. 4 m. 25  
d., 13.205 lbs. fat.

{ Joh Clothilde 21320.

{ May Melchior 38226.

{ Aaggie Cornelia 5th's Clo-  
thilde Imperial 103 A. R.

{ Johanna 5th 1104 A. R. O.  
In 7 y. 4 m. 10 d., 17.640  
lbs. fat.

{ Maid of the Oaks' Clothilde  
16746.

{ Nina Melchior 1660 A. R.  
O. In 10 y. 5 d., 12.529  
lbs. fat.

Owned by L. W. Gay, Madison, Wis. Bred by Peter Hammen, Beechwood, Wis.  
Calved October 6, 1898.

Description: Age, 6 y. 5 m. 21 d.; large, well developed form; head, narrow; neck, good length, refined; chine, straight, broad, open vertebræ; loin and hips, broad, level, strong; rump, long, high, roomy pelvis; escutcheon, large, fine; mammary veins, large, good length; udder, large, quarters even, good size; teats, large, well placed; secretions of skin, excellent; general appearance, very good type; height, shoulders 56 inches, hips 55; length, body 61, rump 23; width, hips 26, thurl 24; girth 78; examiner, L. R. Davies; examined March 27, 1905.

Official Butter Record: Dropped calf March 1, 1905, at 6 y. 4 m. 25 d. of age; commenced record March 17, 1905; closed record March 23; 7 days' production 13.205 lbs. butter fat; milk 390.2 lbs.

Attested by L. R. Davies, Wisconsin Agricultural Experiment Station.

**NO. 4343. JENNIE CLOTHILDE CREMLIN 57536.**

JENNIE CLOTHILDE  
CREMLIN 4343 A. R. O.  
In 4 y. 6 d., 10.548 lbs.  
fat.

{ Cremlin Clothilde 25133.

{ De Dikkert 3d's Jennie  
42731.

{ Apple Pie 21941.

{ Spotted Ann 15623.

{ Nicoline 2d's Jennie's Prince  
22092.

{ De Dikkert 3d 3369.

Owned by L. W. Gay, Madison, Wis. Bred by A. S. Boswell, Fullertown, O.  
Calved February 27, 1901.

Description: Age, 4 y. 1 m.; dairy form; head, long; neck, average length; chine, well developed, good length; loin and hips, strong, broad, level; rump, good size; escutcheon, medium; mammary veins, fair size, long; udder, good, capacious, well placed, quarters flexible, even; teats, good size, well placed; secretions of skin, fairly abundant; general appearance, good; height, shoulders 54 inches, hips 54.5; length, body 60, rump 21; width, hips 24, thurl 21; girth 61; examiner, L. R. Davies; examined March 27, 1905.

Official Butter Record: Dropped calf March 3, 1905, at 4 y. 6 d. of age; commenced record March 17, 1905; closed record March 23; 7 days' production 10.548 lbs. butter fat; milk 348.1 lbs.

Attested by L. R. Davies, Wisconsin Agricultural Experiment Station.

**NO. 4344. MAZEE NETHERLAND 56202.**

**MAZEE NETHERLAND**  
4344 A. R. O. In 3 y. 11  
m. 13 d., 10.699 lbs. fat.

{ Ida Paul 2d's Netherland  
26064.

{ Mazee 2d 45186.

{ Pauline Paul Netherland  
23468.

{ Ida Paul 2d 45963.

{ Thilda's Sir Pietertje Beets  
23259.

{ Mazee 35389.

Owned by L. W. Gay, Madison, Wis. Bred by H. T. Allen, Chardon, O. Calved March 23, 1901.

Description: Age, 4 y. 3 d.; medium sized, symmetrical type; head, long, fine, broad; neck, a trifle short; chine, straight, open vertebræ; loin and hips, level, strong, medium width; rump, high, roomy; escutcheon, medium, good quality; mammary veins, long, fair size, crooked; udder, fair size, good quality, quarters even, well developed; teats, medium size, well placed; handling, excellent; secretions of skin, abundant; general appearance, good type; height, shoulders 54 inches, hips 54; length, body 58, rump 20; width, hips 21, thurl 19; girth 60; examiner, L. R. Davies; examined March 26, 1905.

Official Butter Record: Dropped calf March 6, 1905, at 3 y. 11 m. 13 d. of age; commenced record March 17, 1905; closed record March 24; 7 days' production 10.699 lbs. butter fat; milk 317.8 lbs.

Attested by L. R. Davies, Wisconsin Agricultural Experiment Station.

**NO. 4345. PEARL ELGIN DE KOL 61666.**

**PEARL ELGIN DE KOL**  
4345 A. R. O. In 2 y. 9  
m. 21 d., 10.173 lbs. fat.

{ De Kol Admiral Paul 2d  
27438.

{ Pearl Elgin 46807.

{ De Kol Admiral Paul 207  
A. R.

{ Sjiewuke Lass De Kol 44682.

{ Rijaneta's Prince Herbert 2d  
21439.

{ Dinkje 3d's Pearl's Dot  
33933.

Owned by L. W. Gay, Madison, Wis. Bred by H. T. Allen, Chardon, O. Calved April 15, 1902.

Description: Good size, well developed form; head, fine; neck, medium size, not coarse; chine, open vertebræ; loin and hips, fair width, fairly level; rump, short, broad, roomy; escutcheon, fair; mammary veins, medium length, crooked; udder, fair size, good quality, quarters uniform; teats, even, well placed; secretions of skin, abundant; general appearance, good type; height, shoulders 50 inches, hips 52; length, body 56, rump 20; width, hips 23, thurl 21; girth 69; examiner, L. R. Davies.

Official Butter Record: Dropped calf February 6, 1905, at 2 y. 9 m. 21 d. of age; commenced record March 18, 1905; closed record March 24; 7 days' production 10.173 lbs. butter fat; milk 318.8 lbs.

Attested by L. R. Davies, Wisconsin Agricultural Experiment Station.

**NO. 4346. PIEBE HENGERVELD JOHANNA DE KOL 70001.**

<b>PIEBE HENGERVELD JOHANNA DE KOL 4346</b> A. R. O. In 2 y. 5 m. 19 d., 10.233 lbs. fat.	{	Sir Piebe Hengerveld De Kol 233 A. R.	{ Gem Pietertje Hengerveld Paul De Kol 155 A. R. Piebe Laura 1673 A. R. O. In 12 y. 9 m. 7 d., 78.224 lbs. fat 36 d.
		Lill Black's Johanna De Kol 2115 A. R. O. In 5 y. 27 d., 12.597 lbs. fat.	

Owned and bred by F. B. Fargo, Lake Mills, Wis. Calved October 26, 1902.

Description: Age, 2 y. 6 m. 5 d.; dairy form; head, moderately symmetrical, proportionate; neck, straight, moderately clean; chine, slightly arched, wide, prominent; loin and hips, wide, long, nearly level; rump, wide, long, moderately high; escutcheon, good; mammary veins, large, short; udder, capacious, symmetrical, flexible, quarters nearly even; teats, very good; handling, good; secretions of skin, moderately abundant; general appearance, not very vigorous; height, shoulders 51 inches, hips 54; length, body 58.5, rump 19; width, hips 18.5, thurl 17.5; girth 68.5; weight, 950 lbs.; examiner, O. J. Hanzlik; examined May 1, 1905.

Official Butter Record: Dropped calf April 15, 1903, at 2 y. 5 m. 19 d. of age; commenced record April 25, 1905; closed record May 1; 7 days' production 10.233 lbs. butter fat; milk 217.1 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**NO. 4347. LILLY GEWINA 2D 67090.**

<b>LILLY GEWINA 2d 4347</b> A. R. O. In 2 y. 3 m. 28 d., 13.087 lbs. fat.	{	Chief Piebe Oak Duchess 318 A. R.	{ Piebe De Kol Burke 165 A. R. Lady Oak 2d 1684 A. R. O. In 7 y. 2 m. 11 d., 17.189 lbs. fat.
		Lilly Gewina 2678 A. R. O. In 3 y. 4 m. 5 d., 14.329 lbs. fat.	

Owned by Robert C. Luedke, Watertown, Wis. Bred by E. E. Randall, Watertown, Wis. Calved December 4, 1902.

Description: Age, 2 y. 5 m. 2 d.; milk and beef form; head, proportionate, symmetrical; neck, level, medium size; chine, straight, fairly broad, open vertebræ; loin and hips, strong, slightly rounded; rump, fairly high, slightly uneven; escutcheon, medium size, fine; mammary veins, medium length, large; udder, capacious, moderately flexible, quarters slightly uneven; teats, nearly perfect; handling, superior; secretions of skin, fairly abundant, oily; general appearance, vigorous, fine, stylish; height, shoulders 50 inches, hips 53; length, body 58.75, rump 19; width, hips 20, thurl 19; girth 70; weight, 900 lbs.; examiner, L. M. Hatch; examined May 6, 1905.

Official Butter Record: Dropped calf April 2, 1905, at 2 y. 3 m. 28 d. of age; commenced record May 4, 1905; closed record May 11; 7 days' production 13.087 lbs. butter fat; milk 332.5 lbs.

Attested by L. M. Hatch, Wisconsin Agricultural Experiment Station.



**NO. 4348. JOSIE WATSON 68443.**

**JOSIE WATSON 4348 A.**  
R. O. In 2 y. 1 m. 5 d.,  
11.026 lbs. fat.

{	Pearl of the Dairy's Joe De Kol 164 A. R.	{	Paul Johanna De Kol 184 A. R.
	Pearl of the Dairy 13271.		
{	Ollie Watson 5th 1708 A. R. O. In 3 y. 10 m., 13.271 lbs. fat.	{	Lottie Lass' Butter King 167 A. R.
	Ollie Watson 28140.		

Owned by Robert C. Luedke, Watertown, Wis. Bred by E. E. Randall, Watertown, Wis. Calved February 10, 1903.

Description: Age, 2 y. 2 m. 26 d.; milk and beef form; head, proportionate, symmetrical; neck, medium length, fine, level; chine, level, fairly broad, fairly open vertebrae; loin and hips, strong, slightly rounded; rump, moderately high, slightly uneven; escutcheon, very small, fine; mammary veins, short, fairly large; udder, capacious, fairly flexible, quarters slightly uneven; teats, nearly perfect; handling, superior; secretions of skin, fairly abundant, oily; general appearance, vigorous, fine, stylish; height, shoulders 51 inches, hips 52.75; length, body 56.75, rump 18; width, hips 20.25, thurl 19; girth 72.5; weight 875 lbs.; examiner, L. M. Hatch; examined May 6, 1905.

Official Butter Record: Dropped calf March 15, 1905, at 2 y. 1 m. 5 d. of age; commenced record May 4, 1905; closed record May 11; 7 days' production 11.026 lbs. butter fat; milk 319.7 lbs.

Attested by L. M. Hatch, Wisconsin Agricultural Experiment Station.

**NO. 4349. VAN FRIESLAND LADY INKA 67551.**

**VAN FRIESLAND LADY  
INKA 4349 A. R. O.** In  
2 y. 1 m. 10 d., 22.196  
lbs. fat 14 d.

{	Midland Chief 28205.	{	Pietertje Hengerveld's Count De Kol 135 A. R.
	Deborah's Inka 1258 A. R. O. In 5 y. 5 m. 23 d., 15.667 lbs. fat.		
{	Barbara Lady 2396 A. R. O. In 4 y. 9 m. 24 d., 28.490 lbs. fat.	{	Aaggie Grace Sir De Kol 199 A. R.
	Netherland Van Friesland's Lady 1965 A. R. O. In 11 y. 8 m. 23 d., 31.886 lbs. fat 14 d.		

Owned and bred by W. H. Grenell, Pierrepont Manor, N. Y. Calved March 4, 1903.

Official Butter Record: Dropped calf April 14, 1905, at 2 y. 1 m. 10 d. of age; commenced record May 2, 5 p. m., 1905; closed record May 9, 11 a. m.; 7 days' production 11.204 lbs. butter fat; milk 318.4 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf April 14, 1905, at 2 y. 1 m. 10 d. of age; commenced record April 25, 1905; closed record May 8; 14 days' production 22.196 lbs. butter fat; milk 628.9 lbs.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**NO. 4350. CAROLA OF SLEEPY HOLLOW 61859.**

CAROLA OF SLEEPY HOLLOW 4350 A. R. O. In 2 y. 8 m. 18 d., 12.084 lbs. fat.	{	Mechthilde's Careme Colantha 321 A. R.	{	Careme's Union Pacific 17525. Mechthilde 6718.
		Preciosa Fatina 51006.		Ant Poel's Prince of Wales 352 A. R. Fatina Moinie 7414.

Owned and bred by R. M. Hotaling, San Francisco, Cal. Calved June 14, 1902.

Official Butter Record: Dropped calf March 2, 1905, at 2 y. 8 m. 18 d. of age; commenced record April 13, 1905; closed record April 19; 7 days' production 12.084 lbs. butter fat; milk 392 lbs.

Attested by Abe Neuman, California Agricultural Experiment Station.

**NO. 4351. MAID MEDITATION 57463.**

MAID MEDITATION 4351 A. R. O. In 3 y. 8 m. 12 d., 12.325 lbs. fat.	{	Sir Josephine of Aaggie 25414.	{	Sir Josephine Mechthilde 24478. Lady Anna's Aaggie 1115.
		Duke of Obispo's Maid 36354.		Duke of Obispo 6810. Lucy of Pacific's Maid 16894.

Owned and bred by R. M. Hotaling, San Francisco, Cal. Calved July 25, 1901.

Official Butter Record: Dropped calf April 7, 1905; at 3 y. 8 m. 12 d. of age; commenced record April 13, 1905; closed record April 19; 7 days' production 12.325 lbs. butter fat; milk 375 lbs.

Attested by Abe Neuman, California Agricultural Experiment Station.

**NO. 4352. BEAUTY TUEBIE 55053.**

BEAUTY TUEBIE 4352 A. R. O. In 5 y. 1 m. 6 d., 12.842 lbs. fat.	{	Joe Stafford 25091.	{	Parthenea's Sir Henry 2d 24091. Phroso 45975.
		Aaggie Tuebie 32049.		Sir Newton of Aaggie's Jerry 16863. Tuebie 4992.

Owned by R. M. Hotaling, San Francisco, Cal. Bred by Fred Trumpy, Clarno, Wis. Calved March 8, 1900.

Official Butter Record: Dropped calf April 14, 1905, at 5 y. 1 m. 6 d. of age; commenced record April 22, 1905; closed record April 29; 7 days' production 12.842 lbs. butter fat; milk 377.1 lbs.

Attested by Abe Neuman, California Agricultural Experiment Station.

**NO. 4353. CLARABELL GOUDGELD 62152.**

CLARABELL GOUDGELD 4353 A. R. O. In 2 y. 11 m. 18 d., 12.471 lbs. fat.	{	Clothilde Goudgeld Hugo 27525.	{	Clothilde Goudgeld Lad 25080.
				Carlotta Clothilde 40675.
	{	Clara Pietertje M. 4354 A. R. O. In 6 y. 3 m. 2 d., 16.018 lbs. fat.	{	Gold Boy Pietertje 358 A. R.
				Meta L. 1619 A. R. O. In 7 y. 9 m. 7 d., 16.179 lbs. fat.

Owned and bred by H. W. Hartshorn, Randallsville, N. Y. Calved March 26, 1902.

Official Butter Record: Dropped calf March 14, 1905, at 2 y. 11 m. 18 d. of age; commenced record April 16, 1905; closed record April 22; 7 days' production 12.471 lbs. butter fat; milk 377.4 lbs.

Attested by J. S. Cotes, Cornell University Agricultural Experiment Station.

**NO. 4354. CLARA PIETERTJE M. 49309.**

CLARA PIETERTJE M. 4354 A. R. O. In 6 y. 3 m. 2 d., 16.018 lbs. fat.	{	Gold Boy Pietertje 358 A. R.	{	Gold Gem Pietertje 137 A. R.
				Kate H. 5393.
	{	Meta L. 1619 A. R. O. In 7 y. 9 m. 7 d., 16.179 lbs. fat.	{	Pietertje Hartog 14218.
				Pansy D. Vere 23312.

Owned by H. W. Hartshorn, Randallsville, N. Y. Bred by O. R. Cole, Solsville, N. Y. Calved January 3, 1899.

Official Butter Record: Dropped calf April 5, 1905, at 6 y. 3 m. 2 d. of age; commenced record April 17, 11 p. m., 1905; closed record April 24, 5 p. m.; 7 days' production 16.018 lbs. butter fat; milk 482.6 lbs.

Attested by J. S. Cotes, Cornell University Agricultural Experiment Station.

**NO. 4355. ROWENA MAID 2D'S C. 54434.**

ROWENA MAID 2d's C. 4355 A. R. O. In 5 y. 2 m. 13 d., 15.021 lbs. fat.	{	Admiral De Kol 216 A. R.	{	De Kol 2d's Alban 114 A. R.
				Meadow Lily 5th's De Kol 30167.
	{	Rowena Maid 2d 2858 A. R. O. In 7 y. 10 m. 9 d., 12.516 lbs. fat.	{	Gelsche 4th's Hamilton 20675.
				Rowena Maid 31081.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by Charles A. Wheeler, Deposit, N. Y. Calved January 29, 1900.

Official Butter Record: Dropped calf April 12, 1905, at 5 y. 2 m. 13 d. of age; commenced record April 20, 10 p. m., 1905; closed record April 27, 4 p. m.; 7 days' production 15.021 lbs. butter fat; milk 440.4 lbs.

Attested by L. L. Devereaux and V. P. Wart, Cornell University Agricultural Experiment Station.

#### NO. 4356. TILDA DE KOL 54917.

TILDA DE KOL, 4356 A. R.  
O. In 5 y. 1 m. 1 d.,  
12.929 lbs. fat.

{ Segis Inka's De Kol 23394.

{ Paul Beets De Kol 113 A. R.

{ Segis Inka 1376 A. R. O.  
In 9 y. 5 m. 16 d., 83.586  
lbs. fat 30 d.

{ Mollie Tirania Judith 43244.

{ Sir Tirania Mechthilde  
Yankee 21140.

{ Rosa Judith 39450.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by E. W. Ecker, Hartfield, N. Y. Calved March 12, 1900.

Official Butter Record: Dropped calf April 13, 1905, at 5 y. 1 m. 1 d. of age; commenced record April 24, 1905; closed record April 30; 7 days' production 12.929 lbs. butter fat; milk 383 lbs.

Attested by L. L. Devereaux and V. P. Wart, Cornell University Agricultural Experiment Station.

#### NO. 4357. NETHERLAND HENGERVELD'S DAUGHTER 57532.

NETHERLAND HENGER-  
VELD'S DAUGHTER  
4357 A. R. O. In 3 y. 11  
m. 11 d., 23.409 lbs. fat  
14 d.

{ Calamity Jane's Paul 146  
A. R.

{ Sir Paul De Kol Clothilde  
174 A. R.

{ Calamity Jane 1311 A. R. O.  
In 7 y. 10 m. 11 d., 20.041  
lbs. fat.

{ Netherland Hengerveld 1133  
A. R. O. In 7 y. 11 m.  
10 d., 21.333 lbs. fat.

{ Aaggie Leila's Prince 4419  
H. H. B.

{ Madame Hengerveld 1333.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved April 6, 1901.

Official Butter Record: Dropped calf March 17, 1905, at 3 y. 11 m. 11 d. of age; commenced record April 23, 4 p. m., 1905; closed record April 30, 10 a. m.; 7 days' production 11.890 lbs. butter fat; milk 373.3 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 17, 1905, at 3 y. 11 m. 11 d. of age; commenced record April 17, 10 p. m., 1905; closed record May 1, 4 p. m.; 14 days' production 23.409 lbs. butter fat; milk 733.4 lbs.

Attested by L. L. Devereaux and V. P. Wart, Cornell University Agricultural Experiment Station.

**NO. 4358. TOPSY DE KOL BURKE 68825.**

<b>TOPSY DE KOL BURKE</b> 4358 A. R. O. In 2 y. 1 m. 7 d., 12.476 lbs. fat.	{ De Kol Burke 162 A. R.  Aaggie Topsy De Kol 2310 A. R. O. In 4 y. 10 m. 20 d., 78.662 lbs. fat 30 d.	{ De Kol 2d's Butter Boy 129 A. R. Pietertje Witkop 22916.
		{ Pietertje Alban De Kol 173 A. R. Aaggie Grace's Boy's Topsy 1280 A. R. O. In 8 y. 13 d., 13.800 lbs. fat.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by W. C. Hunt, Liverpool, N. Y. Calved February 24, 1903.

Official Butter Record: Dropped calf April 1, 1905, at 2 y. 1 m. 7 d. of age; commenced record April 11, 1905; closed record April 17; 7 days' production 12.476 lbs. butter fat; milk 350.8 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**AAGGIE TOPSY DE KOL 2310 A. R. O. 54997.**

<b>AAGGIE TOPSY DE KOL</b> 2310 A. R. O. In 4 y. 10 m. 20 d., 78.662 lbs. fat 30 d.	{ Pietertje Alban De Kol 173 A. R. Aaggie Grace's Boy's Topsy 1280 A. R. O. In 8 y. 13 d., 13.800 lbs. fat.	{ De Kol 2d's Butter Boy 129 A. R. Pietertje 3d's Albino 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.
		{ Aaggie Grace's Boy 7068. Judith W. 2d 438 A. R. P. In 2 y. 9 m. 21 d., 7,936¼ lbs. milk 10 m.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 210, Vol. XV, page 357.]

Third Official Butter Record: Dropped calf March 20, 1905, at 4 y. 10 m. 20 d. of age; commenced record April 8, 1905; closed record April 14; 7 days' production 19.701 lbs. butter fat; milk 574.8 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf March 20, 1905, at 4 y. 10 m. 20 d. of age; commenced record March 27, 10 p. m., 1905; closed record April 26, 4 p. m.; 30 days' production 78.662 lbs. butter fat; milk 2,288.7 lbs.

Attested by L. L. Devereaux and V. P. Wart, Cornell University Agricultural Experiment Station.



**PONTIAC CLOTHILDE DE KOL 2064 A. R. O. 49657.**

<b>PONTIAC CLOTHILDE</b> <b>DE KOL 2064 A. R. O.</b> In 6 y. 1 m. 3 d., 72.455 lbs. fat 30 d.	{	Hengerveld De Kol 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.		Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.
			{	Artis Adiantum's Clothilde 116 A. R.
			{	Rag Apple 437 A. R. P. In 2 y. 10 m. 8 d., 9,652¼ lbs. milk 10 m.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 71, Vol. XIV, page 127, Vol. XV, page 275.]

Fourth Official Butter Record: Dropped calf March 20, 1905, at 6 y. 1 m. 3 d. of age; commenced record March 26, 11 p. m., 1905; closed record April 2, 5 p. m.; 7 days' production 18.489 lbs. butter fat; milk 409.4 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf March 20, 1905, at 6 y. 1 m. 3 d. of age; commenced record March 26, 11 p. m., 1905; closed record April 25, 5 p. m.; 30 days' production 72.455 lbs. butter fat; milk 1,998.6 lbs.

Attested by D. C. Stanion and C. F. Mason, Cornell University Agricultural Experiment Station.

**MOLLY WOOD 2D'S DE KOL 2D 2333 A. R. O. 54083.**

<b>MOLLY WOOD 2d's DE</b> <b>KOL 2d 2333 A. R. O.</b> In 5 y. 1 d., 70.102 lbs. fat 30 d.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{	Manor De Kol 130 A. R.
		Molly Wood 2d's De Kol 1702 A. R. O. In 7 y. 19 d., 15.574 lbs. fat.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	De Kol Artis 189 A. R.
			{	Molly Wood 2d 18381.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 224.]

Second Official Butter Record: Dropped calf March 27, 1905, at 5 y. 1 d. of age; commenced record April 15, 1905; closed record April 21; 7 days' production 17.112 lbs. butter fat; milk 493.3 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf March 27, 1905, at 5 y. 1 d. of age; commenced record April 8, 1905; closed record May 7, 30 days' production 70.102 lbs. butter fat; milk 2,055.2 lbs.

Attested by D. C. Stanion and C. F. Mason, Cornell University Agricultural Experiment Station.

**NO. 4359. HATTIE PIETERTJE DE KOL 57074.**

HATTIE PIETERTJE DE  
KOL 4359 A. R. O. In 4  
y. 17 d., 51.076 lbs. fat  
21 d.

{ Sir Akkrum Pietertje De Kol  
338 A. R.

{ De Kol 2d's Butter Boy 129  
A. R.

{ Lady Akkrum's Pietertje  
30667.

{ Hattie Pietertje 40876.

{ Lewis Pietertje 19739.

{ Hattie Grant 40777.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by W. K. Sexton,  
Howell, Mich. Calved February 26, 1901.

Official Butter Record: Dropped calf March 13, 1905, at 4 y. 17 d. of age;  
commenced record March 23, 4 p. m., 1905; closed record March 30, 10 a. m.;  
7 days' production 17.522 lbs. butter fat; milk 568.8 lbs.

Official Butter Record: Fourteen consecutive days. Dropped calf March 13,  
1905, at 4 y. 17 d. of age; commenced record March 23, 4 p. m., 1905; closed record  
April 6, 10 a. m.; 14 days' production 34.445 lbs. butter fat; milk 1,164.4 lbs.

Official Butter Record: Twenty-one consecutive days. Dropped calf March  
13, 1905, at 4 y. 17 d. of age; commenced record March 23, 4 p. m., 1905; closed  
record April 13, 10 a. m.; 21 days' production 51.076 lbs. butter fat; milk 1,791 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment  
Station.

**AAGGIE PIETERTJE DE KOL BEETS 3407 A. R. O. 59539.**

AAGGIE PIETERTJE DE  
KOL BEETS 3407 A. R.  
O. In 3 y. 2 m. 25 d.,  
12.203 lbs. fat.

{ Paul Beets De Kol 113 A. R.

{ De Kol 2d's Paul De Kol 107  
A. R.

{ Jessie Beets 1130 A. R. O.  
In 6 y. 8 m. 20 d., 15.445  
lbs. fat.

{ Aaggie Lily's Pietertje 2254  
A. R. O. In 10 y. 17 d.,  
15.214 lbs. fat.

{ Inka Princess Pietertje  
Netherland 95 A. R.

{ Aaggie Lily 198 A. R. P. In  
3 y. 1 m. 29 d., 490½ lbs.  
milk 10 d.

Owned by A. W. Brown, Unadilla Forks, N. Y.

[Entry of additional records. For previous records see Vol. XV, page 342.]

Second Official Butter Record: Dropped calf March 28, 1905, at 3 y. 2 m. 25  
d. of age; commenced record April 28, 1905; closed record May 4; 7 days' pro-  
duction 12.203 lbs. butter fat; milk 387.3 lbs.

Attested by Arthur Ambler, Cornell University Agricultural Experiment  
Station.

**NO. 4360. AMERICA DE KOL PAULINE 56540.**

AMERICA DE KOL PAULINE 4360 A. R. O. In 4 y. 7 m. 21 d., 14,953 lbs. fat.	{	Paul De Kol 3d 126 A. R.	{	Paul De Kol 97 A. R.
		America 2d's Pauline De Kol 1227 A. R. O. In 3 y. 5 m. 15 d., 15,903 lbs. fat.		Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 24 d., 176,420 lbs. fat 60 d.
			{	Paul De Kol 97 A. R.
			{	America 2d 960 A. R. P. In 3 y. 4 m. 15 d., 13 lbs. 12 oz. butter by churn.

Owned by A. N. McGeoch, Milwaukee, Wis. Bred by T. G. Yeomans & Sons, Walworth, N. Y. Calved July 20, 1900.

Description: Age, 4 y. 8 m. 11 d.; dairy form; head, long, symmetrical; neck, long, clean; chine, prominent, wide open vertebræ; loin and hips, wide, moderately strong, nearly level; rump, wide, high; escutcheon, good; mammary veins, large, moderately long; udder, very capacious, moderately symmetrical, quarters nearly even; teats, good; handling, good; secretions of skin, moderately abundant, oily; general appearance, healthy, vigorous; height, shoulders 55 inches, hips 55; length, body 65, rump 21; width, hips 24, thurl 21; girth 77; weight, 1,350 lbs. Est.; examiner, O. J. Hanzlik; examined March 31, 1905.

Official Butter Record: Dropped calf March 11, 1905, at 4 y. 7 m. 21 d. of age; commenced record March 24, 1905; closed record March 30; 7 days' production 14,953 lbs. butter fat; milk 435.9 lbs.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**FLORA BELL PIETERTJE 2D 3267 A. R. O. 58184.**

FLORA BELL PIETERTJE 2d 3267 A. R. O. In 3 y. 7 m. 24 d., 52,289 lbs. fat 30 d.	{	Gem Pietertje Hengerveld Paul De Kol 155 A. R.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
		Flora Bell Pietertje 39322.		Maplecroft Gem 1351 A. R. O. In 5 y. 5 m. 11 d., 16,079 lbs. fat.
			{	May's Lord Pietertje 21564.
			{	Bell Pentaur 2d 28835.

Owned by A. N. McGeoch, Milwaukee, Wis.

[Entry of additional records. For previous records see Vol. XV, page 262.]

Second Official Butter Record: Dropped calf February 26, 1905, at 3 y. 7 m. 24 d. of age; commenced record March 24, 1905; closed record March 30; 7 days' production 12,735 lbs. butter fat; milk 440.3 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf February 26, 1905, at 3 y. 7 m. 24 d. of age; commenced record March 5, 1905; closed record April 4; 30 days' production 52,289 lbs. butter fat; milk 1,762.3 lbs.

Attested by O. J. Hanzlik and A. O. Oleson, Wisconsin Agricultural Experiment Station.

**NO. 4361. RUTH PIETERTJE R. 49307.**

RUTH PIETERTJE R. 4361 A. R. O. In 6 y. 3 m. 13 d., 16.235 lbs. fat.	{	Gold Boy Pietertje 358 A. R.	{	Gold Gem Pietertje 21229. Kate H. 5393.
		Ruth Pietertje 32321.		Pietertje Hartog 137 A. R. Sally R. 13049.

Owned by A. A. Hartshorn, Hamilton, N. Y. Bred by O. R. Cole, Solsville, N. Y.  
Calved December 22, 1898.

Official Butter Record: Dropped calf April 5, 1905, at 6 y. 3 m. 13 d. of age;  
commenced record April 18, 11 a. m., 1905; closed record April 25, 5 a. m.; 7 days'  
production 16.235 lbs. butter fat; milk 524.1 lbs.

Attested by J. S. Cotes, Cornell University Agricultural Experiment Station.

**NO. 4362. MARIE L. 2D 62267.**

MARIE L. 2d 4362 A. R. O. In 3 y. 3 m. 29 d., 12.489 lbs. fat.	{	Earl Korndyke De Kol 2d 25797.	{	Earl Korndyke De Kol 253 A. R. Inka Pauline De Kol 1553 A. R. O. In 2 y. 8 d., 7.979 lbs. fat.
		Marie L. 35584.		Copia's Joe 8656. Fernwood Queen 25413.

Owned by A. A. Hartshorn, Hamilton, N. Y. Bred by Lewis E. Jones, Sheds,  
N. Y. Calved November 8, 1901.

Official Butter Record: Dropped calf March 7, 1905, at 3 y. 3 m. 29 d. of  
age; commenced record April 16, 1905; closed record April 22; 7 days' production  
12.489 lbs. butter fat; milk 360.1 lbs.

Attested by J. S. Cotes, Cornell University Agricultural Experiment Station.

**NO. 4363. IOSCO PRIDE 3D 65467.**

IOSCO PRIDE 3d 4363 A. R. O. In 2 y. 5 m. 2 d., 13.782 lbs. fat.	{	Homestead Albino De Kol 23589.	{	Pietertje Hengerveld's Paul De Kol 109 A. R. Shadeland Angie 1348 A. R. O. In 9 y. 2 m. 24 d., 13.974 lbs. fat.
		Iosco Pride 26595.		Aconeth's Prince 12431. Iosco Maid 16107.

Owned by W. A. Matteson, Ufica, N. Y. Bred by A. L. Lewin, Pittsburg, Pa.  
Calved November 19, 1902.

Official Butter Record: Dropped calf April 21, 1905, at 2 y. 5 m. 2 d. of age;  
commenced record April 29, 5 p. m., 1905; closed record May 6, 11 a. m.; 7 days'  
production 13.782 lbs. butter fat; milk 324 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment  
Station.

**HOMESTEAD GEM PAULINE DE KOL 2724 A. R. O. 49459.**

HOMESTEAD GEM PAULINE DE KOL 2724 A. R. O. In 5 y. 11 m. 28 d., 78.913 lbs. fat 30 d.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d. 17.482 lbs. fat.
	{	Maplecroft Gem 1851 A. R. O. In 5 y. 5 m. 11 d., 16.079 lbs. fat.	{	De Kol 2d's Alban 114 A. R.
				Fay Barnum 15681.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIV, page 184, Vol. XV, page 397.]

Third Official Butter Record: Dropped calf March 14, 1905, at 5 y. 11 m. 28 d. of age; commenced record May 4, 11 p. m., 1905; closed record May 11, 5 p. m.; 7 days' production 20.158 lbs. butter fat; milk 644 lbs.

Official Butter Record: Thirty consecutive days. Dropped calf March 14, 1905, at 5 y. 11 m. 28 d. of age; commenced record April 11, 11 p. m., 1905; closed record May 11, 5 p. m.; 30 days' production 78.913 lbs. butter fat; milk 2,618.6 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**TOPSY BARBER 2060 A. R. O. 46955.**

TOPSY BARBER 2060 A. R. O. In 7 y. 5 m. 2 d., 20.070 lbs. fat.	{	Inka Princess Pietertje Pledge 140 A. R.	{	Inka Pledge 20620.
				Inka Princess 867 A. R. P. In 1 y. 11 m. 10 d., 15 lbs. 10 oz. butter by churn.
	{	Minnie Barber 35078.	{	Pietertje Hartog 137 A. R.
				Pansy Barber 2d 20499.

Owned by W. A. Matteson, Utica, N. Y.

[Entry of additional records. For previous records see Vol. XIII, page 69, Vol. XV, page 314.]

Third Official Butter Record: Dropped calf April 7, 1905, at 7 y. 5 m. 2 d. of age; commenced record May 1, 11 p. m., 1905; closed record May 8, 5 p. m.; 7 days' production 20.070 lbs. butter fat; milk 603.1 lbs.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.



**NO. 4364. JOHANNA CONCORDIA PAULINE 72195.**

JOHANNA CONCORDIA PAULINE 4364 A. R. O. In 2 y. 9 m. 13 d., 11.597 lbs. fat.	{	Sadie Vale Concordia's Paul De Kol 27392.	{	Paul De Kol 4th 127 A. R.
				Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 24 d., 176.420 lbs. fat 60 d.
		Jolie Johanna Clothilde 52356.	{	Onyx Clothilde Pledge 23639. Jolie Onyx 43770.

Owned by Stevens Brothers-Hastings Co., Lacona, N. Y. Bred by George F. Carter, Syracuse, N. Y. Calved April 18, 1902.

Official Butter Record: Dropped calf February 1, 1905, at 2 y. 9 m. 13 d. of age; commenced record February 16, 10 a. m., 1905; closed record February 23, 4 a. m.; 7 days' production 11.597 lbs. butter fat; milk 359.6 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

**NO. 4365. DE KOL DOUGLAS 2D 59177.**

DE KOL DOUGLAS 2d 4365 A. R. O. In 3 y. 5 m. 20 d., 9.818 lbs. fat.	{	Sir Piebe De Kol 285 A. R.	{	Baron Pauline De Kol 23226.
				Piebe Queen 1459 A. R. O. In 7 y. 2 d., 15.029 lbs. fat.
		De Kol Douglas 2055 A. R. O. In 3 y. 11 m. 28 d., 74.003 lbs. fat 30 d.	{	Pearl of the Dairy's Joe De Kol 164 A. R. Fannie Douglas 5th 1492 A. R. O. In 1 y. 11 m. 21 d., 9.056 lbs. fat.

Owned and bred by E. E. Randall, Watertown, Wis. Calved June 12, 1901.

Description: Age, 3 y. 11 m.; wedge shaped form; head, long, refined; neck, thin, clean cut; chine, well above shoulders, open vertebræ; strong loin, hips prominent; rump, drooping; escutcheon, large; mammary veins, straight; udder, large, hind quarters large, forequarters small; teats, large; secretions of skin, yellow; general appearance, healthy; height, shoulders 54 inches, hips 54; length, body 65, rump 19; width, hips 21.5, thurl 20; girth 73; weight, 1,100 lbs.; examiner, A. O. Oleson; examined May 12, 1905.

Official Butter Record: Dropped calf December 2, 1904, at 3 y. 5 m. 20 d. of age; commenced record May 6, 1905; closed record May 12; 7 days' production 9.818 lbs. butter fat; milk 276.2 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**NO. 4366. ALLIE NIG 2D 68441.**

ALLIE NIG 2d 4366 A. R. O. In 1 y. 11 m. 17 d., 9.343 lbs. fat.	{	Chief Piebe Oak Duchess 318 A. R.	{	Piebe De Kol Burke 165 A. R.
				Lady Oak 2d 1684 A. R. O. In 7 y. 2 m. 11 d., 17.189 lbs. fat.
	{	Allie Nig 2886 A. R. O. In 2 y. 11 d., 51.698 lbs. fat 30 d.	{	Pearl of the Dairy's Joe De Kol 164 A. R.
				Nig Alcartra 2d 1941 A. R. O. In 2 y. 10 m. 29 d., 8.938 lbs. fat.

Owned and bred by E. E. Randall, Watertown, Wis. Calved April 15, 1903.

Description: Age, 2 y. 27 d.; wedge shaped form; head, broad forehead; neck, thin, medium length; chine, well above shoulders, open vertebræ; strong loin, hips rather low; rump, straight; escutcheon, large, fine; mammary veins, straight, rather small; udder, small, flexible, quarters even; teats, medium size; secretions of skin, yellow; general appearance, healthy; height, shoulders 52 inches, hips 53; length, body 54, rump 17.5; width, hips 19, thurl 19; girth 66; weight, 800 lbs.; examiner, A. O. Oleson; examined May 12, 1905.

Official Butter Record: Dropped calf April 2, 1905, at 1 y. 11 m. 17 d. of age; commenced record May 6, 1905; closed record May 12; 7 days' production 9.343 lbs. butter fat; milk 245.1 lbs.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**NO. 4367. COLANTHUS QUEEN IDEAL 60218.**

COLANTHUS QUEEN IDEAL 4367 A. R. O. In 5 y. 1 m. 27 d., 14.159 lbs. fat.	{	Woodland Triumph 2d's Colantha 27939.	{	Colanthus De Vries 2d 23843.
				Woodland Triumph 2d 33415.
	{	Colanthus Queen 54749.	{	Colanthus De Vries 2d 23843.
				Molly Wood 3d's Echo 33414.

Owned and bred by George S. Loomis, Orwell, N. Y. Calved March 15, 1899.

Official Butter Record: Dropped calf May 12, 1904, at 5 y. 1 m. 27 d. of age; commenced record June 20, 6 p. m., 1904; closed record June 27, 12 p. m.; 7 days' production 14.159 lbs. butter fat; milk 369.8 lbs.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**NO. 4368. BELLE OF LINDENWALD 2D 60217.**

BELLE OF LINDENWALD 2d 4368 A. R. O. In 5 y. 26 d., 15.177 lbs. fat.	{	Woodland Triumph 2d's Colanthus 27939.	{	Colanthus De Vries 2d 23843.
				Woodland Triumph 2d 33415.
	{	Belle of Lindewald 4369 A. R. O. In 8 y. 11 m. 11 d., 14.932 lbs. fat.	{	Empress 3d's Sir Mechthilde 20255.
				Bleske's 2d Lass 13298.

Owned and bred by George S. Loomis, Orwell, N. Y. Calved May 5, 1899.

Official Butter Record: Dropped calf June 1, 1904, at 5 y. 26 d. of age; commenced record June 8, 6 p. m., 1904; closed record June 15, 12 p. m.; 7 days' production 15.177 lbs. butter fat; milk 414.8 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

#### NO. 4369. BELLE OF LINDEWALD 54818.

<b>BELLE OF LINDEWALD</b> 4369 A. R. O. In 8 y. 11 m. 11 d., 14.932 lbs. fat.	{	Empress Josephine 3d's Sir	{	Mechthilde's Sir Henry of
		Mechthilde 20255.		Maplecroft 201 A. R.
		Bleske's 2d Lass 13298.		Empress Josephine 3d 642 A. R. P. In 4 y. 3 m. 29 d., 31 lbs. 2 oz. butter by churn.
			{	Hamilton 24 A. R.
			{	Bleske 329 D. F.

Owned by George S. Loomis, Orwell, N. Y. Bred by H. H. Tuttle, Lacona, N. Y. Calved June 10, 1895.

Official Butter Record: Dropped calf May 21, 1904, at 8 y. 11 m. 11 d. of age; commenced record June 8, 12 p. m., 1904; closed record June 15, 6 a. m.; 7 days' production 14.932 lbs. butter fat; milk 549.6 lbs.

Attested by L. L. Devereaux, Cornell University Agricultural Experiment Station.

#### HEERINGA PAULINE 2D 1935 A. R. O. 53146.

<b>HEERINGA PAULINE 2d</b> 1935 A. R. O. In 7 y. 25 d., 197.950. lbs. fat 120 d.	{	Pauline Paul 3d's Sir	{	Inka 4th's Sir Mechthilde
		Mechthilde 319 A. R.		19429.
		Heeringa Pauline 37616.		Pauline Paul 3d 31523.
			{	Zozo's Netherland Paul
			{	15420.
			{	Heeringa 3d 24324.

Owned by World's Fair Holstein-Friesian Association, St. Louis, Mo.

[Entry of additional records. For previous records see Vol. XII, page 135, Vol. XIII, pages 45, 250, Vol. XV, page 385.]

Fifth Official Butter Record: Dropped calf March 18, 1904, at 7 y. 25 d. of age; commenced record June 16, 1904; closed record June 22; 7 days' production 14.287 lbs. butter fat; milk 443.1 lbs.

Official Butter Record: Dropped calf March 18, 1904, at 7 y. 25 d. of age; commenced record June 16, 1904; closed record July 15; 30 days' production 51.087 lbs. butter fat; milk 1,622.9 lbs.

Official Butter Record: Dropped calf March 18, 1904, at 7 y. 25 d. of age; commenced record June 16, 1904; closed record October 13; 120 days' production 197.950 lbs. butter fat; milk 6,311.8 lbs.

Attested by Prof. E. H. Farrington, Wisconsin Agricultural College.

**JOLIE 4TH'S PAULINE DE KOL 2649 A. R. O. 40399.**

JOLIE 4th's PAULINE DE KOL 2649 A. R. O. In 8 y. 5 m. 10 d., 213.752 lbs. fat 120 d.	{	De Kol 2d's Paul De Kol 107 A. R.	{	Paul De Kol 97 A. R.
		Jolie 4th 1163 A. R. P. In 7 y. 6 m. 2 d., 16 lbs. 9.1 oz. butter by churn.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	Ondit 2292 H.
				Jolie 4166 H.

Owned by World's Fair Holstein-Friesian Association, St. Louis, Mo.

[Entry of additional records. For previous records see Vol. XIV, page 141.]

Second Official Butter Record: Dropped calf May 29, 1904, at 8 y. 5 m. 10 d. of age; commenced record June 20, 1904; closed record June 26; 7 days' production 13.862 lbs. butter fat; milk 391.9 lbs.

Official Butter Record: Dropped calf May 29, 1904, at 8 y. 5 m. 10 d. of age; commenced record June 16, 1904; closed record July 15; 30 days' production 56.142 lbs. butter fat; milk 1,629.9 lbs.

Official Butter Record: Dropped calf May 29, 1904, at 8 y. 5 m. 10 d. of age; commenced record June 16, 1904; closed record October 13; 120 days' production 213.752 lbs. butter fat; milk 6,174.5 lbs.

Attested by Prof. E. H. Farrington, Wisconsin Agricultural College.

**DORINDA DE KOL 2D 2229 A. R. O. 54882.**

DORINDA DE KOL 2d 2229 A. R. O. In 5 y. 4 m. 9 d., 180.998 lbs. fat 120 d.	{	Baron De Kol 193 A. R.	{	Pauline Paul 2d's Colanthus 20579.
		Dorinda De Kol 40323.		Queen De Kol Mechthilde 34692.
			{	De Kol 2d's Paul De Kol 107 A. R.
				Dorinda's Roxie 1166 A. R. P. In 5 y., 20 lbs. 11.7 oz. butter by churn.

Owned by World's Fair Holstein-Friesian Association, St. Louis, Mo.

[Entry of additional records. For previous records see Vol. XIII, page 164, Vol. XV, page 385.]

Third Official Butter Record: Dropped calf April 2, 1904, at 5 y. 4 m. 9 d. of age; commenced record June 17, 1904; closed record June 23; 7 days' production 12.719 lbs. butter fat; milk 406.5 lbs.

Official Butter Record: Dropped calf April 2, 1904, at 5 y. 4 m. 9 d. of age; commenced record June 16, 1904; closed record July 15; 30 days' production 47.838 lbs. butter fat; milk 1,559.6 lbs.

Official Butter Record: Dropped calf April 2, 1904, at 5 y. 4 m. 9 d. of age; commenced record June 16, 1904; closed record October 13; 120 days' production 180.998 lbs. butter fat; milk 5,659 lbs.

Attested by Prof. E. H. Farrington, Wisconsin Agricultural College.

**BESSIE WAYNE CHAMPION 2424 A. R. O. 44179.**

<b>BESSIE WAYNE CHAM- PION 2424 A. R. O. In</b> 8 y. 2 m. 21 d., 215.859 lbs. fat 120 d.	{	Leda's Champion Wayne 20257.	{	Aaggie 3d's Champion 11136.
				Leda 1677 D. F.
		Bessie Brick 2d 5405 H.		

Owned by World's Fair Holstein-Friesian Association, St. Louis, Mo.

[Entry of additional records. For previous records see Vol. XIV, page 25.]

Second Official Butter Record: Dropped calf April 20, 1904, at 8 y. 2 m. 21 d. of age; commenced record June 18, 1904; closed record June 24; 7 days' production 14.132 lbs. butter fat; milk 419.2 lbs.

Official Butter Record: Dropped calf April 20, 1904, at 8 y. 2 m. 21 d. of age; commenced record June 16, 1904; closed record July 15; 30 days' production 56.217 lbs. butter fat; milk 1,635.4 lbs.

Official Butter Record: Dropped calf April 20, 1904, at 8 y. 2 m. 21 d. of age; commenced record June 16, 1904; closed record October 13; 120 days' production 215.859 lbs. butter fat; milk 6,522.9 lbs.

Attested by Prof. E. H. Farrington, Wisconsin Agricultural College.

**MAPLECROFT DE KOL PERFECTION 2651 A. R. O. 39194.**

<b>MAPLECROFT DE KOL PERFECTION 2651 A. R. O. In 9 y. 6 m., 244.935</b> lbs. fat 120 d.	{	Netherland De Kol's Perfection 223 A. R.	{	Pietertje 2d's Koningen 93 A. R.
				Netherland De Kol 1006 A. R. P. In 2 y. 5 m. 21 d., 82 lbs. 7.1 oz. butter by churn 30 d.
		Eusebia 2d's Maid 32005.		Netherland Alban 34 A. R.  Eusebia 2d 997 A. R. P. In 5 y. 3 m., 20 63-64 lbs. butter by churn.

Owned by World's Fair Holstein-Friesian Association, St. Louis, Mo.

[Entry of additional records. For previous records see Vol. XIV, page 142.]

Second Official Butter Record: Dropped calf April 17, 1904, at 9 y. 6 m. of age; commenced record June 16, 1904; closed record June 22; 7 days' production 16.772 lbs. butter fat; milk 423.7 lbs.

Official Butter Record: Dropped calf April 17, 1904, at 9 y. 6 m. of age; commenced record June 16, 1904; closed record July 15; 30 days' production 63.625 lbs. butter fat; milk 1,626.4 lbs.

Official Butter Record: Dropped calf April 17, 1904, at 9 y. 6 m. of age; commenced record June 16, 1904; closed record October 13; 120 days' production 244.935 lbs. butter fat; milk 6,405.1 lbs.

Attested by Prof. E. H. Farrington, Wisconsin Agricultural College.



**SALLIE CLOTHILDE 2148 A. R. O. 42717.**

SALLIE CLOTHILDE 2148 A. R. O. In 7 y. 5 m. 4 d., 207.765 lbs. fat 120 d.	{	Pauline Paul's De Kol 180 A. R.	Count Paul De Kol 324 A. R.
			Pauline Paul 852 A. R. P. In 8 y., 18,669 9-16 lbs. milk 1 y.
		Nora Clothilde 2d 36280.	Mildred De Kol's Pietertje 19799. Nora Clothilde 28380.

Owned by World's Fair Holstein-Friesian Association, St. Louis, Mo.

[Entry of additional records. For previous records see Vol. XIII, page 115, Vol. XV, page 386.]

Third Official Butter Record: Dropped calf April 7, 1904, at 7 y. 5 m. 4 d. of age; commenced record June 16, 1904; closed record June 22; 7 days' production 14.989 lbs. butter fat; milk 410.6 lbs.

Official Butter Record: Dropped calf April 7, 1904, at 7 y. 5 m. 4 d. of age; commenced record June 16, 1904; closed record July 15; 30 days' production 57.780 lbs. butter fat; milk 1,629.8 lbs.

Official Butter Record: Dropped calf April 7, 1904, at 7 y. 5 m. 4 d. of age; commenced record June 16, 1904; closed record October 13; 120 days' production 207.765 lbs. butter fat; milk 5,809.7 lbs.

Attested by Prof. E. H. Farrington, Wisconsin Agricultural College.

**DE KOL DE JONG 2734 A. R. O. 47052.**

DE KOL DE JONG 2734 A. R. O. In 5 y. 9 m. 20 d., 227.101 lbs. fat 120 d.	{	De Kol 2d's Netherland 118 A. R.	Netherland Alban 34 A. R.
			De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		De Jong's Netherland 1784 A. R. O. In 7 y. 3 m. 27 d., 14.535 lbs. fat.	Netherland Duchess Prince 3693. Netherland De Jong 21789.

Owned by World's Fair Holstein-Friesian Association, St. Louis, Mo.

[Entry of additional records. For previous records see Vol. XIV, page 189.]

Second Official Butter Record: Dropped calf May 28, 1904, at 5 y. 9 m. 20 d. of age; commenced record June 16, 1904; closed record June 22; 7 days' production 15.106 lbs. butter fat; milk 362 lbs.

Official Butter Record: Dropped calf May 28, 1904, at 5 y. 9 m. 20 d. of age; commenced record June 16, 1904; closed record July 15; 30 days' production 60.891 lbs. butter fat; milk 1,693.3 lbs.

Official Butter Record: Dropped calf May 28, 1904, at 5 y. 9 m. 20 d. of age; commenced record June 16, 1904; closed record October 13; 120 days' production 227.101 lbs. butter fat; milk 6,233.2 lbs.

Attested by Prof. E. H. Farrington, Wisconsin Agricultural College.

**SHADYBROOK GERBEN 1323 A. R. O. 43753.**

SHADYBROOK GERBEN  
1323 A. R. O. In 11 y.  
11 m. 14 d., 282.601 lbs.  
fat 120 d.

Gerben 4th's Sultan 8265.

Zickoline 6415.

Siemke's Prince 1973.

Gerben 4th 1080 D. F.

No-No 4076 H.

Zickel 9207 H.

Owned by World's Fair Holstein-Friesian Association, St. Louis, Mo.

[Entry of additional records. For previous records see Vol. VIII, page 711, Vol. X, page 67.]

Third Official Butter Record: Dropped calf July 6, 1904, at 11 y. 11 m. 14 d. of age; commenced record June 30, 1904; closed record July 6; 7 days' production 20.889 lbs. butter fat; milk 552.2 lbs.

Official Butter Record: Dropped calf July 6, 1904, at 11 y. 11 m. 14 d. of age; commenced record June 16, 1904; closed record July 15; 30 days' production 78.919 lbs. butter fat; milk 2,147.4 lbs.

Official Butter Record: Dropped calf July 6, 1904, at 11 y. 11 m. 14 d. of age; commenced record June 16, 1904; closed record October 13; 120 days' production 282.601 lbs. butter fat; milk 8,101.7 lbs.

Attested by Prof. E. H. Farrington, Wisconsin Agricultural College.

**JOE BACH JOSEPHINE 3475 A. R. O. 46940.**

JOE BACH JOSEPHINE  
3475 A. R. O. In 7 y. 21  
d., 198.661 lbs. fat 120 d.

Aaggie Grace's Pietertje  
Clothilde 112 A. R.

Joe Bach 2d 39805.

Artis Adiantum's Clothilde  
116 A. R.

Aaggie Grace's Pietertje  
26732.

Oudster Mackey 19257.

Joe Bach 28154.

Owned by World's Fair Holstein-Friesian Association, St. Louis, Mo.

[Entry of additional records. For previous records see Vol. XV, page 386.]

Second Official Butter Record: Dropped calf April 6, 1904, at 7 y. 21 d. of age; commenced record June 16, 1904; closed record June 22; 7 days' production 14.217 lbs. butter fat; milk 453.4 lbs.

Official Butter Record: Dropped calf April 6, 1904, at 7 y. 21 d. of age; commenced record June 16, 1904; closed record July 15; 30 days' production 52.851 lbs. butter fat; milk 1,640.9 lbs.

Official Butter Record: Dropped calf April 6, 1904, at 7 y. 21 d. of age; commenced record June 16, 1904; closed record October 13; 120 days' production 198.661 lbs. butter fat; milk 6,236.4 lbs.

Attested by Prof. E. H. Farrington, Wisconsin Agricultural College.

**BELLE SARCASTIC 1118 A. R. O. 23039.**

BELLE SARCASTIC 1118  
A. R. O. 1n 6 y. 2 m. 10  
d., 721.681 lbs. fat 365 d.

Sarcastic 4729.

Jupiter 628 D. F.

Yonge Span 893 D. F.

Belvisia 2d 4553.

Prince Nicolaas 361 D. F.

Belvisia 1675 D. F.

Owned by Michigan Agricultural College, Agricultural College, Mich.

[Entry of additional records. For previous records see Vol. VI, page 629.]

Second Official Butter Record: Dropped calf February 28, 1896, at 6 y. 2 m. 10 d. of age; commenced record May 3, 1896; closed record May 9; 7 days' production 20.464 lbs. butter fat; milk 558.5 lbs.

Official Butter Record: Dropped calf February 28, 1896, at 6 y. 2 m. 10 d. of age; commenced record May 1, 1896; closed record May 30; 30 days' production 84.138 lbs. butter fat; milk 2,460.6 lbs.

Official Butter Record: Dropped calf February 28, 1896, at 6 y. 2 m. 10 d. of age; commenced record April 25, 1896; closed record June 23; 60 days' production 160.372 lbs. butter fat; milk 4,764.3 lbs.

Official Butter Record: Dropped calf February 28, 1896, at 6 y. 2 m. 10 d. of age; commenced record March 4, 1896; closed record March 3, 1897; 365 days' production 721.681 lbs. butter fat; milk 23,189.6 lbs.

Attested by Prof. Clinton D. Smith, Michigan Agricultural College.

# SPECIAL RECORDS

Made at Least Eight Months After Freshening.

## **AAGGIE GRACE CLOTHILDE 2D 3197 A. R. O. 54494.**

Owned by T. A. Mitchell.

[Entry of special record. For breeding and earlier record of 10.859 lbs. butter fat from 284.8 lbs. milk see Vol. 15, page 224.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf December 9, 1903, at 3 y. 1 m. 12 d. of age; commenced record August 10, 1904; closed record August 17; 7 days' production 7.465 lbs. butter fat from 204.1 lbs. milk; began record 245 days after calving; bred April 22, 1904.

Attested by G. Arthur Bell, Cornell University Agricultural Experiment Station.

## **AAGGIE PIETERTJE DE KOL BEETS 3407 A. R. O. 59539.**

Owned by A. W. Brown.

[Entry of special record. For breeding and earlier record of 10.744 lbs. butter fat from 287.1 lbs. milk see Vol. 15, page 342.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf February 25, 1904, at 2 y. 1 m. 22 d. of age; commenced record February 4, 1905; closed record February 11; 7 days' production 6.760 lbs. butter fat from 195.2 lbs. milk; began record 345 days after calving; bred June 20, 1904.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

## **A. & G. DE KOL PAULINE 3195 A. R. O. 55731.**

Owned by T. A. Mitchell.

[Entry of special record. For breeding and earlier record of 12.263 lbs. butter fat from 389.2 lbs. milk see Vol. 15, page 223.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf December 7, 1903, at 3 y. 6 m. 13 d. of age; commenced record August 10, 1904; closed record August 16; 7 days' production 9.203 lbs. butter fat from 250.5 lbs. milk; began record 247 days after calving; bred May 5, 1904.

Attested by G. Arthur Bell, Cornell University Agricultural Experiment Station.

**ALMA BELLE DE KOL 3448 A. R. O. 61639.**

Owned by W. C. Hunt.

[Entry of special record. For breeding and earlier record of 11.541 lbs. butter fat from 330.7 lbs. milk see Vol. 15, page 366.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf March 24, 1904, at 2 y. 5 m. 11 d. of age; commenced record December 6, 1904; closed record December 13; 7 days' production 10.671 lbs. butter fat from 263.1 lbs. milk; began record 257 days after calving; bred June 20, 1904.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**ANNA DE KOL 3D 3402 A. R. O. 63283.**

Owned by Wing R. Smith.

[Entry of special record. For breeding and earlier record of 10.921 lbs. butter fat from 305.7 lbs. milk see Vol. 15, page 339.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf February 15, 1904, at 1 y. 10 m. 26 d. of age; commenced record December 25, 1905; closed record December 31; 7 days' production 6.770 lbs. butter fat from 188.8 lbs. milk; began record 314 days after calving.

Attested by E. S. Haver, Cornell University Agricultural Experiment Station.

**AVA COLANTHUS PIEBE 3421 A. R. O. 61971.**

Owned by F. B. Fargo.

[Entry of special record. For breeding and earlier record of 14.188 lbs. butter fat 338.9 lbs. milk see Vol. 15, page 349.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf March 5, 1904, at 2 y. 3 m. 1 d. of age; commenced record December 4, 1904; closed record December 11, 1904; 7 days' production 8.038 lbs. butter fat from 197.9 lbs. milk; began record 274 days after calving; bred July 8, 1904.

Attested by A. J. Meyer, Wisconsin Agricultural Experiment Station.

**AVILLA BOON CLOTHILDE 3467 A. R. O. 69854.**

Owned by H. D. Roe.

[Entry of special record. For breeding and earlier record of 9.092 lbs. butter fat from 324.5 lbs. milk see Vol. 15, page 380.]



Special Official Butter Record made at least Eight Months after calving: Dropped last calf March 3, 1904, at 2 y. 24 d. of age; commenced record November 19, 1904; closed record November 26, 1904; 7 days' production 7.624 lbs. butter fat from 256.1 lbs. milk; began record 259 days after calving; bred November 27, 1905.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**BARRINGTON DAISY 3739 A. R. O. 47242.**

Owned by M. S. Nye.

[Entry of special record. For breeding and earlier record of 16.110 lbs. butter fat from 510.5 lbs. milk see Vol. 16, page 121.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf July 3, 1904, at 6 y. 6 m. 23 d. of age; commenced record March 5, 1905; closed record March 11; 7 days' production 8.890 lbs. butter fat from 285.1 lbs. milk; began record 245 days after calving; bred January 19, 1905.

Attested by J. C. Hungerford, Cornell University Agricultural Experiment Station.

**CALAMITY JANE DUCHESS 2D 3170 A. R. O. 61013.**

Owned by George Rice.

[Entry of special record. For breeding and earlier record of 8.074 lbs. butter fat from 245.3 lbs. milk see Vol. 15, page 206.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf December 3, at 2 y. 3 m. 18 d. of age; commenced record November 11, 1904; closed record November 17, 1904; 7 days' production 5.199 lbs. butter fat from 147.9 lbs. milk; began record 344 days after calving.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

**CARREN WASE DE KOL 2831 A. R. O. 49450.**

Owned by R. M. Hotaling.

[Entry of special record. For breeding and earlier record of 20.132 lbs. butter fat from 584.2 lbs. milk see Vol. 16, page 47.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf May 9, 1904, at 6 y. 1 m. 18 d. of age; commenced record February 3, 1905; closed record February 9; 7 days' production 16.965 lbs. butter fat from 456.3 lbs. milk; 30 days' production 68.346 lbs. butter fat from 1,933.8 lbs. milk; began record 270 days after calving; bred September 27, 1904.

Attested by D. H. Cole, California Agricultural Experiment Station.

**CLIFDEN CROWNING SHIELD EXPECTATION 3678 A. R. O. 66543.**

Owned by George Rice.

[Entry of special record. For breeding and earlier record of 8.448 lbs. butter fat from 224.6 lbs. milk see Vol. 16, page 86.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf May 3, 1904, at 1 y. 6 m. 22 d. of age; commenced record January 23, 1905; closed record January 29; 7 days' production 6.360 lbs. butter fat from 164.5 lbs. milk; began record 265 days after calving; bred January 20, 1905.

Attested by G. S. Dobbie, Ontario Agricultural Experiment Station.

**COIN KING BESS 3632 A. R. O. 65540.**

Owned by G. W. Little.

[Entry of special record. For breeding and earlier record of 11.380 lbs. butter fat from 296 lbs. milk see Vol. 16, page 55.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf May 25, 1904, at 2 y. 7 m. 17 d. of age; commenced record April 9, 1905; closed record April 15, 1905; 7 days' production 6.657 lbs. butter fat from 173.8 lbs. milk; began record 319 days after calving; bred September 8, 1904.

Attested by D. C. Stanion, Cornell University Agricultural Experiment Station.

**COLANTHA 4TH'S JOHANNA 1849 A. R. O. 48577.**

Owned by Gillett & Son.

[Entry of special record. For breeding and earlier record of 17.282 lbs. butter fat from 526.9 lbs. milk see Vol. 15, page 73.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf June 20, 1903, at 4 y. 7 m. 20 d. of age; commenced record June 28, 1904; closed record July 4; 7 days' production 12.292 lbs. butter fat from 353.8 lbs. milk; began record 375 days after calving; not in calf.

Attested by Roy T. Harris, Wisconsin Agricultural Experiment Station.

**CONCORDIA AAGGIE NETHERLAND 3032 A. R. O. 41397.**

Owned by F. G. Johnston & Co.

[Entry of special record. For breeding and earlier record of 12.199 lbs. butter fat from 379.9 lbs. milk see Vol. 15, page 120.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf September 28, 1903, at 7 y. 8 m. 3 d. of age; commenced record June 23, 1904; closed record June 29; 7 days' production 5.228 lbs. butter fat from 142.8 lbs. milk; began record 269 days after calving; bred January 13, 1904.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**COPIA HENGERVELD 2D 3719 A. R. O. 64773.**

Owned by A. A. Cortelyou.

[Entry of special record. For breeding and earlier record of 10.255 lbs. butter fat from 316 lbs. milk see Vol. 16, page 110.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf June 29, 1904, at 2 y. 16 d. of age; commenced record March 4, 1905; closed record March 10, 1905; 7 days' production 8.995 lbs. butter fat from 245.8 lbs. milk; began record 248 days after calving.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**DAISY WIT BARBETTA 3622 A. R. O. 64175.**

Owned by A. C. Demerit & Son.

[Entry of special record. For breeding and earlier record of 8.173 lbs. butter fat from 246 lbs. milk see Vol. 16, page 49.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf May 10, 1904; at 2 y. 16 d. of age; commenced record January 11, 1905; closed record January 17, 1905; 7 days' production 3.868 lbs. butter fat from 99.2 lbs. milk; began record 246 days after calving; bred June 25, 1904.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

**DE KOL MECHTHILDE 2835 A. R. O. 52494.**

Owned by T. S. Tompkins.

[Entry of special record. For breeding and earlier record of 16.418 lbs. butter fat from 557.8 lbs. milk see Vol. 16, page 45.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf April 29, 1904, at 4 y. 10 m. 1 d. of age; commenced record January 31, 1905; closed record February 7; 7 days' production 9.689 lbs. butter fat from 305.5 lbs. milk; began record 277 days after calving; bred November 26, 1904.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

**DICHTER'S ALEMENA 2933 A. R. O. 40257.**

Owned by O. J. Godfrey.

[Entry of special record. For breeding and earlier record of 15.335 lbs. butter fat from 473 lbs. milk see Vol. 15, page 69.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf April 7, 1904, at 8 y. 11 m. 27 d. of age; commenced record December 27, 1904; closed record January 3, 1905; 7 days' production 11.138 lbs. butter fat from 331 lbs. milk; began record 264 days after calving; not in calf.

Attested by G. Wendell Bush, Cornell University Agricultural Experiment Station.

**EDITH PRESCOTT DE KOL 1522 A. R. O. 44886.**

Owned by Henry Stevens & Son.

[Entry of special record. For breeding and earlier record of 18.046 lbs. butter fat from 467.6 lbs. milk see Vol. 15, page 110.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf September 15, 1903, at 6 y. 4 m. 19 d. of age; commenced record June 11, 1904; closed record June 18; 7 days' production 14.255 lbs. butter fat from 410.5 lbs. milk; 14 days' production 27.597 lbs. butter fat from 808.9 lbs. milk; began record 270 days after calving; bred April 23, 1904.

Attested by A. D. Senn, Cornell University Agricultural Experiment Station.

**EDITH PRESCOTT DE KOL 2D 1977 A. R. O. 52073.**

Owned by Henry Stevens & Son.

[Entry of special record. For breeding and earlier record of 14.465 lbs. butter fat from 413.8 lbs. milk see Vol. 15, page 154.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf October 11, 1903, at 4 y. 5 m. 12 d. of age; commenced record June 21, 1904; closed record June 28, 1904; 7 days' production 10.980 lbs. butter fat from 355.4 lbs. milk; 14 days' production 20.626 lbs. butter fat from 681.8 lbs. milk; began record 254 days after calving; bred March 13, 1904.

Attested by A. D. Senn and W. H. Van Dine, Cornell University Agricultural Experiment Station.

**GEWINA 2D'S LILLY 2D 2056 A. R. O. 50670.**

Owned by E. E. Randall.

[Entry of special record. For breeding and earlier record of 13.168 lbs. butter fat from 364.3 lbs. milk see Vol. 15, page 130.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf September 24, 1903, at 4 y. 4 m. 4 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 11.498 lbs. butter fat from 303.9 lbs. milk; began record 268 days after calving; bred March 7, 1904.

Attested by Llewellyn R. Davies, Wisconsin Agricultural Experiment Station.

**GLISTA IOTA 3731. A. R. O. 58202.**

Owned by Cornell University.

[Entry of special record. For breeding and earlier record of 10.723 lbs. butter fat from 270.3 lbs. milk see Vol. 16, page 117.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf July 26, 1904, at 2 y. 6 m. 29 d. of age; commenced record March 28, 1905; closed record April 3, 1905; 7 days' production 7.624 lbs. butter fat from 212.4 lbs. milk; began record 245 days after calving; bred December 30, 1904.

Attested by G. W. Allen, Cornell University Agricultural Experiment Station.

**HARTOG PIETERTJE JOHANNA 3747 A. R. O. 64771.**

Owned by A. A. Cortelyou.

[Entry of special record. For breeding and earlier record of 11.496 lbs. butter fat from 356.5 lbs. milk see Vol. 16, page 126.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf June 13, 1904, at 2 y. 12 d. of age; commenced record February 22, 1905; closed record February 28; 7 days' production 10.501 lbs. butter fat from 271.8 lbs. milk; 14 days' production 20.677 lbs. butter fat from 529 lbs. milk; began record 249 days after calving.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**HEEGSTRA PIETERTJE JOHANNA 3699 A. R. O. 64916.**

Owned by A. A. Cortelyou.

[Entry of special record. For breeding and earlier record of 10.026 lbs. butter fat from 315.3 lbs. milk see Vol. 16, page 98.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf July 6, 1905, at 2 y. 1 m. 29 d. of age; commenced record March 14, 1905; closed record March 20; 7 days' production 9.309 lbs. butter fat from 263.8 lbs. milk; began record 250 days after calving.

Attested by Lester H. Williamson, New Jersey Agricultural Experiment Station.

**HEILO AAGGIE JOHANNA 2D 3044 A. R. O. 50799.**

Owned by E. E. Randall.

[Entry of special record. For breeding and earlier record of 14.774 lbs. butter fat from 385.5 lbs. milk see Vol. 15, page 130.]



Special Official Butter Record made at least Eight Months after calving: Dropped last calf October 1, 1903, at 4 y. 3 m. 25 d. of age; commenced record June 18, 1904; closed record June 25; 7 days' production 10.705 lbs. butter fat from 297.9 lbs. milk; began record 260 days after calving; bred April 5, 1904.

Attested by Llewellyn R. Davies, Wisconsin Agricultural Experiment Station.

**INKA TRITOMIA 3048 A. R. O. 38847.**

Owned by McKay Brothers.

[Entry of special record. For breeding and earlier record of 13.500 lbs. butter fat from 357.5 lbs. milk see Vol. 15, page 133.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf October 19, 1903, at 9 y. 10 d. of age; commenced record June 19, 1904; closed record June 25; 7 days' production 8.522 lbs. butter fat from 253.5 lbs. milk; began record 244 days after calving; bred November 11, 1904.

Attested by Samuel O. Puderbaugh, Iowa Agricultural Experiment Station.

**JANNEK BELLE DE KOL 2993 A. R. O. 60831.**

Owned by Don J. Wood.

[Entry of special record. For breeding and earlier record of 9.971 lbs. butter fat from 288.2 lbs. milk see Vol. 15, page 98.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf September 16, 1903, at 2 y. 8 d. of age; commenced record June 10, 1905; closed record June 17; 7 days' production 6.569 lbs. butter fat from 221.3 lbs. milk; began record 269 days after calving; bred June 27, 1904.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**JESSIE FOBES 2D'S MAUD 2D 1514 A. R. O. 44123.**

Owned by W. H. Jones.

[Entry of special record. For breeding and earlier record of 19.479 lbs. butter fat from 490 lbs. milk see Vol. 15, page 430.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf April 1, 1904, at 6 y. 11 m. 13 d. of age; commenced record December 3, 1904; closed record December 9; 7 days' production 6.880 lbs. butter fat from 214.6 lbs. milk; began record 245 days after calving; bred June 20, 1904.

Attested by James A. Ford, Wisconsin Agricultural Experiment Station.

**JOHANNA BEECHWOOD 3604 A. R. O. 65954.**

Owned by Reddellien Brothers.

[Entry of special record. For breeding and earlier record of 8.443 lbs. butter fat from 247.6 lbs. milk see Vol. 16, page 37.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf September 12, 1903, at 2 y. 9 m. 8 d. of age; commenced record May 22, 1904; closed record May 29; 7 days' production 8.794 lbs. butter fat from 250.6 lbs. milk; began record 254 days after calving; bred February 8, 1904.

Attested by Bryant R. Ryall, Wisconsin Agricultural Experiment Station.

**JOHANNA RUE DE KOL 2811 A. R. O. 58549.**

Owned by A. L. Williams.

[Entry of special record. For breeding and earlier record of 14.426 lbs. butter fat from 436.6 lbs. milk see Vol. 16, page 43.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf May 12, 1904, at 3 y. 13 d. of age; commenced record March 23, 1905; closed record March 30; 7 days' production 8.903 lbs. butter fat from 249.2 lbs. milk; began record 315 days after calving; bred by January 25, 1905.

Attested by J. P. Bonzelet, Wisconsin Agricultural Experiment Station.

**JULIA ANNE NETHERLAND 3471 A. R. O. 42127.**

Owned by L. G. Legler.

[Entry of special record. For breeding and earlier record of 12.655 lbs. butter fat from 434.9 lbs. milk see Vol. 15, page 383.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf March 2, 1904, at 7 y. 10 m. 6 d. of age; commenced record February 15, 1905; closed record February 21; 7 days' production 8.142 lbs. butter fat from 208.1 lbs. milk; began record 350 days after calving; bred March 8, 1905.

Attested by O. J. Hanzlik, Wisconsin Agricultural Experiment Station.

**LADY EDITH ALPHIA 2241 A. R. O. 53066.**

Owned by F. G. Johnston & Co.

[Entry of special record. For breeding and earlier record of 12.540 lbs. butter fat from 310.9 lbs. milk see Vol 15, page 120.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf October 22, 1904; at 4 y. 11 m. 4 d. of age; commenced record June 23, 1905; closed record June 29; 7 days' production 5.700 lbs. butter fat from 181.1 lbs. milk; began record 245 days after calving; bred January 20, 1904.

Attested by Lemuel Harrold, Ohio Agricultural Experiment Station.

**LADY INDI 3729 A. R. O. 55030.**

Owned by F. W. Allis.

[Entry of special record. For breeding and earlier record of 12.486 lbs. butter fat from 337 lbs. milk see Vol. 16, page 116.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf May 3, 1904, at 7 y. 2 m. 23 d. of age; commenced record February 2, 1905; closed record February 8; 7 days' production 8.076 lbs. butter fat from 245.8 lbs. milk; began record 275 days after calving; bred March 7, 1905.

Attested by O. J. Hanzlik and W. E. Markey, Wisconsin Agricultural Experiment Station.

**LADY WAYNE NORINE 2150 A. R. O. 53608.**

Owned by George Rice.

[Entry of special record. For breeding and earlier record of 16.796 lbs. butter fat from 421.9 lbs. milk see Vol 15, page 219.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf January 13, 1904, at 7 y. 7 m. 23 d. of age; commenced record November 12, 1904; closed record November 18; 7 days' production 7.936 lbs. butter fat from 211.7 lbs. milk; began record 304 days after calving.

Attested by Harold W. Horrocks, Ontario Agricultural Experiment Station.

**LEDA HENGERVELD DE KOL 2910 A. R. O. 53489.**

Owned by McKay Brothers.

[Entry of special record. For breeding and earlier record of 14.999 lbs. butter fat from 418.5 lbs. milk see Vol. 15, page 51.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf October 10, 1903, at 3 y. 5 m. 23 d. of age; commenced record June 11, 1904; closed record June 18; 7 days' production 11.680 lbs. butter fat from 296.6 lbs. milk; began record 245 days after calving; bred January 3, 1904.

Attested by Samuel O. Puderbaugh, Wisconsin Agricultural Experiment Station.

**LILY NETHERLAND DE KOL 2D 3588 A. R. O. 59151.**

Owned by A. W. Brown.

[Entry of special record. For breeding and earlier record of 12.282 lbs. butter fat from 378.8 lbs. milk see Vol. 16, page 30.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf April 25, 1904, at 2 y. 4 m. 25 d. of age; commenced record February 4, 1905; closed record February 11; 7 days' production 9.593 lbs. butter fat from 279.6 lbs. milk; began record 285 days after calving; bred January 20, 1904.

Attested by John W. Evans, Cornell University Agricultural Experiment Station.

**LILLIAN DE KOL 3057 A. R. O. 61090.**

Owned by T. S. Tompkins.

[Entry of special record. For breeding and earlier record of 9.780 lbs. butter fat from 345.3 lbs. milk see Vol. 15, page 138.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf November 8, 1903, at 2 y. 13 d. of age; commenced record November 19, 1904; closed record November 26; 7 days' production 7.548 lbs. butter fat from 244.1 lbs. milk; began record 377 days after calving; bred June 29, 1904.

Attested by H. H. Wilson, Minnesota Agricultural Experiment Station.

**PARTHENEA DOEDE 2095 A. R. O. 53874.**

Owned by John B. Irwin.

[Entry of special record. For breeding and earlier record of 16.108 lbs. butter fat from 451.8 lbs. milk see Vol. 15, page 140.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf September 28, 1903, at 7 y. 3 m. 15 d. of age; commenced record June 15, 1904; closed record June 21; 7 days' production 11.580 lbs. butter fat from 335.9 lbs. milk; began record 261 days after calving; bred January 27, 1904.

Attested by A. A. Vilas, Minnesota Agricultural Experiment Station.

**PAULINE DE KOL MUTUAL FRIEND 3433 A. R. O. 61880.**

Owned by W. C. Hunt.

[Entry of special record. For breeding and earlier record of 12.975 lbs. butter fat from 347.8 lbs. milk see Vol. 15, page 359.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf February 17, 1904, at 1 y. 11 m. 24 d. of age; commenced record December 6, 1904; closed record December 12; 7 days' production 6.458 lbs. butter fat from 189.3 lbs. milk; began record 293 days after calving.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**PIETERTJE DE HAAN 2D 1781 A. R. O. 47444.**

Owned by Henry Stevens & Son.

[Entry of special record. For breeding and earlier record of 16.835 lbs. butter fat from 499.7 lbs. milk see Vol. 15, page 289.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf October 30, 1903, at 5 y. 7 m. 1 d. of age; commenced record July 20, 1905; closed record July 27; 7 days' production 10.666 lbs. butter fat from 336.1 lbs. milk; 14 days' production 20.687 lbs. butter fat from 647.5 lbs. milk; began record 264 days after calving; bred February 28, 1904.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.

**PONTIAC PLEIONE 3430 A. R. O. 61102.**

Owned by Stevens Brothers-Hastings Co.

[Entry of special record. For breeding and earlier record of 13.902 lbs. butter fat from 386.7 lbs. milk see Vol. 15, page 356.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf March 8, 1904, at 2 y. 4 m. 25 d. of age; commenced record December 9, 1904; closed record December 16; 7 days' production 9.708 lbs. butter fat from 325 lbs. milk; 14 days' production 18.830 lbs. butter fat from 624.3 lbs. milk; began record 276 days after calving; bred September 3, 1904.

Attested by Lynn L. Devereaux, Cornell University Agricultural Experiment Station.

**PONTIAC RAG APPLE 3446 A. R. O. 56980.**

Owned by W. C. Hunt.

[Entry of special record. For breeding and earlier record of 16.000 lbs. butter fat from 381.4 lbs. milk see Vol. 15, page 366.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf March 28, 1904, at 2 y. 7 m. 12 d. of age; commenced record December 5, 1904; closed record December 12, 1904; 7 days' production 11.735 lbs. butter fat from 285.2 lbs. milk; began record 252 days after calving; bred July 9, 1904.

Attested by W. H. Van Dine, Cornell University Agricultural Experiment Station.



**PRIDE CLOTHILDE 3193 A. R. O. 44742.**

Owned by T. A. Mitchell.

[Entry of special record. For breeding and earlier record of 12.556 lbs. butter fat from 461.9 lbs. milk see Vol. 15, page 221.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf October 11, 1903, at 6 y. 11 m. 7 d. of age; commenced record July 20, 1904; closed record July 27, 1904; 7 days' production 7.971 lbs. butter fat from 261.7 lbs. milk; began record 284 days after calving; bred March 19, 1904.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

**PRINCESS HARTOG PIETERTJE 3674 A. R. O. 60879.**

Owned by Irwin Langworthy & Son.

[Entry of special record. For breeding and earlier record of 13.156 lbs. butter fat from 423.2 lbs. milk see Vol. 16, page 85.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf May 4, 1904, at 6 y. 15 d. of age; commenced record February 28, 1905; closed record March 7; 7 days' production 8.912 lbs. butter fat from 268.7 lbs. milk; 14 days' production 17.349 lbs. butter fat from 535.4 lbs. milk; began record 300 days after calving; bred December 3, 1904.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**ROSALIND HACKER 3679 A. R. O. 67774.**

Owned by George Rice.

[Entry of special record. For breeding and earlier record of 10.249 lbs. butter fat from 323 lbs. milk see Vol. 16, page 87.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf May 19, 1904, at 2 y. 6 m. 19 d. of age; commenced record January 23, 1905; closed record January 29; 7 days' production 6.578 lbs. butter fat from 180.9 lbs. milk; began record 249 days after calving; bred November 23, 1904.

Attested by G. S. Dobbie, Ontario Agricultural Experiment Station.

**SNOWBALL PINK 3000 A. R. O. 59077.**

Owned by E. E. Randall.

[Entry of special record. For breeding and earlier record of 13.042 lbs. butter fat from 356.7 lbs. milk see Vol. 16, page 104.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf June 3, 1904, at 3 y. 2 m. 29 d. of age; commenced record May 6, 1905; closed record May 12; 7 days' production 8.107 lbs. butter fat from 177.6 lbs. milk; began record 337 days after calving.

Attested by A. O. Oleson, Wisconsin Agricultural Experiment Station.

**TEHEE ARTIS PAUL 3192 A. R. O. 44891.**

Owned by T. A. Mitchell.

[Entry of special record. For breeding and earlier record of 12.675 lbs. butter fat from 406.4 lbs. milk see Vol. 15, page 221.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf November 17, 1903, at 6 y. 6 m. 21 d. of age; commenced record July 21, 1904; closed record July 28, 1904; 7 days' production 9.419 lbs. butter fat from 294.2 lbs. milk; began record 258 days after calving; bred March 17, 1904.

Attested by Jay C. Hungerford, Cornell University Agricultural Experiment Station.

**TIDY ABBEKERK DE KOL 2758 A. R. O. 60965.**

Owned by J. B. Marcou.

[Entry of special record. For breeding and earlier record of 16.042 lbs. butter fat from 505.6 lbs. milk see Vol. 15, page 131.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf November 9, 1903, at 5 y. 3 m. 4 d. of age; commenced record August 16, 1904; closed record August 22; 7 days' production 6.014 lbs. butter fat from 180.2 lbs. milk; began record 281 days after calving.

Attested by John F. Lyman, Hatch (Mass.) Agricultural Experiment Station.

**TROMP PRINCESS 3695 A. R. O. 60274.**

Owned by G. M. Carpenter.

[Entry of special record. For breeding and earlier record of 10.257 lbs. butter fat from 294.5 lbs. milk see Vol. 16, page 97.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf June 24, 1904, at 2 y. 11 m. 8 d. of age; commenced record March 15, 1905; closed record March 21, 1905; 7 days' production 5.363 lbs. butter fat from 164.4 lbs. milk; began record 264 days after calving.

Attested by Arthur W. Clark, Pennsylvania Agricultural Experiment Station.

**VALLEY FARM ALBINA 2991 A. R. O. 60829.**

Owned by Don J. Wood.

[Entry of special record. For breeding and earlier record of 8.588 lbs. butter fat from 251.1 lbs. milk see Vol. 15, page 97.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf September 17, 1903, at 2 y. 1 m. 4 d. of age; commenced record June 10, 1904; closed record June 17; 7 days' production 6.023 lbs. butter fat from 204.8 lbs. milk; began record 268 days after calving; bred June 23, 1904.

Attested by Mark B. Bacon, Cornell University Agricultural Experiment Station.

**WYNTJE JOSEPHINE 3583 A. R. O. 63805.**

Owned by H. B. Cowles.

[Entry of special record. For breeding and earlier record of 8.432 lbs. butter fat from 262.8 lbs. milk see Vol. 16, page 26.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf February 25, 1904, at 1 y. 8 m. 26 d. of age; commenced record January 7, 1905; closed record January 13; 7 days' production 6.750 lbs. butter fat from 169.5 lbs. milk; began record 317 days after calving; bred July 5, 1904.

Attested by B. C. Copeland, Kansas Agricultural Experiment Station.

**NETHERLAND NETTA DE KOL 2D 2864 A. R. O. 54778.**

Owned by A. L. Williams.

[Entry of special record. For breeding and earlier record of 10.777 lbs. fat from 300.7 lbs. milk see Vol. 15, page 18.]

Special Official Butter Record made at least Eight Months after calving: Dropped last calf December 6, 1903, at 2 y. 10 m. 26 d. of age; commenced record November 5, 1904; closed record November 12; 7 days' production 9.763 lbs. butter fat from 302.6 lbs. milk; began record 326 days after calving.

Attested by Frank W. Stark, Wisconsin Agricultural Experiment Station.



# BULLS.

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## NO. 294. SIR MERCEDES ABBEKERK MECHTHILDE 24923.

SIR MERCEDES ABBEKERK MECHTHILDE 294 A. R.	{	Sir Abbekerk Mechthilde 246 A. R.	{	Jewel Echo's Sir Henry Colanthus 16446.
			{	Parana Abbekerk 2d's Jewel Mechthilde 26722.
		{		
			{	Owanda's Mercedes Prince 3348.
		Athenia Mercedes 25939.	{	Athenia 158.

Owned by McKay Brothers, Buckingham, Ia. Bred by George J. C. Copestake, Kelley, Ia. Calved November 23, 1897.

Entered on offspring having official records as follows:

Geneseo Abbekerk 2905, Vol. XV, age 2 y. 5 m. 2 d., 10.526 lbs. fat; fourteen-day record, 20.693 lbs. fat.

Gudula Leda 2d 2909, Vol. XV, age 2 y. 6 m. 5 d., 8.158 lbs. fat.

Leda Inka Twisk 3d 3049, Vol. XV, age 2 y. 20 d., 9.202 lbs. fat.

Thilda Gerben Mechthilde 2d 3631, Vol. XVI, age 2 y. 11 m. 26 d., 11.307 lbs. fat; fourteen-day record 22.351 lbs. fat.

## NO. 295. ALFRIDE'S BETTINA HERBERT 536 W.

ALFRIDE'S BETTINA HERBERT 295 A. R.	{	{	Desdemona 3d's Bettina Herbert 25 W.	{	Bettina's Rijaneta Herbert 11239.
				{	Desdemona 3d 16779.
		{	{		
				{	Prince of Twisk 1055.
		Alfride 5809 H.		{	Genirtje 3234.

Owned by G. Breed, Galesburg, Ill. Bred by W. H. Logan, Seaton, Ill. Calved December 25, 1893.

Entered on offspring having official records as follows:

Echo Bettina Herbert 2292, Vol. XIII, age 2 y. 2 m. 14 d., 9.882 lbs. fat.

Ralmer Echo Girl 2d 1857, Vol. XII, age 3 y. 11 m. 20 d., 10.403 lbs. fat.

Lady Bettina Herbert 2568, Vol. XIV, age 3 y. 9 m. 4 d., 10.972 lbs. fat; Vol. XV, age 4 y. 8 m. 29 d., 15.719 lbs. fat.

Birdie Pietertje 3712, Vol. XVI, age 7 y. 8 m. 20 d., 12.237 lbs. fat.



**NO. 296. BUTTER BOY PIETERTJE 26533.**

BUTTER BOY PIETERTJE 296 A. R.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{ De Kol 2d's Butter Boy 129 A. R. Tettje Janzen 3d 37249.
		Aaggie Grace 2d's Pietertje 1222 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.	{ Inka Princess' Pietertje Netherland 95 A. R. Aaggie Grace 2d 280 A. R. P. In 1 y. 11 m. 14 d., 397½ lbs. milk 10 d.

Owned by Knapp & Pierce, East Claridon, O. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved November 12, 1899.

Entered on offspring having official records as follows:

Dossie Pietertje Maid 2966, Vol. XV, age 1 y. 11 m. 23 d., 7.742 lbs. fat.

Palestine Star 3594, Vol. XVI, age 2 y. 18 d., 8.177 lbs. fat.

Anna Battels Pietertje De Kol 3595, Vol. XVI, age 2 y. 11 d., 9.857 lbs. fat.

Alma De Kol Queen 3596, Vol. XVI, age 2 y. 5 d., 9.675 lbs. fat.

Hengerveld Duchess De Kol 2d 3597, Vol. XVI, age 2 y. 3 m. 14 d., 9.033 lbs. fat.

Luna Maud Pietertje 2d 3598, Vol. XVI, age 2 y. 21 d., 8.892 lbs. fat.

Juno De Kol Pietertje 3599, Vol. XVI, age 2 y. 2 m. 14 d., 8.674 lbs. fat.

Waukasha Pietertje 3600, Vol. XVI, age 2 y. 18 d., 10.848 lbs. fat.

**NO. 297. CLOTHILDE APOLLO BOON 23047.**

CLOTHILDE APOLLO BOON 297 A. R.	{	Apollo Boon 21963.	{ Shadeland Boon's Emperor 18711. Shadeland Boon 5th 21704.
		Lydia Artis 3d's Clothilde 38432.	{ Clothilde 2d's Clothilde 17052. Lydia Artis 3d 31905.

Owned by Frank Hacker & Son, Howell, Mich. Bred by Smiths & Powell Co., Syracuse, N. Y. Calved December 12, 1896.

Entered on offspring having official records as follows:

Clothilde Mercedes Tritomia 2612, Vol. XIV, age 3 y. 10 m. 10 d., 10.951 lbs. fat; Vol. XVI, age 6 y. 6 d., 13.526 lbs. fat.

Huntress C. 2611, Vol. XIV, age 1 y. 11 m. 20 d., 8.366 lbs. fat; Vol. XVI, age 3 y. 11 m. 11 d., 11.809 lbs. fat; fourteen-day record 22.910 lbs. fat.

Pipsey Gem Boon 2613, Vol. XIV, age 2 y. 15 d., 7.314 lbs. fat.

Rosalind Hacker 3679, Vol. XVI, age 2 y. 6 m. 19 d., 10.249 lbs. fat.

Blondean Star Boon 4013, Vol. XVI, age 6 y. 4 m. 19 d., 15.056 lbs. fat.

**NO. 298. TOPSY DE KOL 28024.**

TOPSY DE KOL 298 A. R.	{	Pietertje Alban De Kol 173 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
		Clothilde Artis Topsy 1241 A. R. O. In 7 y. 1 m., 18.607 lbs. fat.		Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.
			{	Artis Adiantum's Clothilde 116 A. R.
			{	Aaggie Grace's Boy's Topsy 1280 A. R. O. In 8 y. 13 d., 13.800 lbs. fat.

Owned by H. E. Cook, Brandon, Vt. Bred by Don J. Wood, West Exeter, N. Y.  
Calved June 3, 1900.

Entered on offspring having official records as follows:

Valley Farm Jessie 3543, Vol. XV, age 2 y. 28 d., 9.406 lbs. fat.

Snowball Clothilde 2d 3688, Vol. XVI, age 2 y. 1 m. 5 d., 9.117 lbs. fat.

Aaggie Grace Topsy 3689, Vol. XVI, age 2 y. 2 d., 9.032 lbs. fat.

Valley Farm Beauty 3690, Vol. XVI, age 2 y. 1 m. 12 d., 8.364 lbs. fat.

Jannek Albina De Kol 2d 3691, Vol. XVI, age 2 y. 1 m. 6 d., 7.460 lbs. fat.

**NO. 299. SIR ORMSBY DE KOL 27284.**

SIR ORMSBY DE KOL 299 A. R.	{	Piebe De Kol Burke 165 A. R.	{	De Kol Burke 162 A. R.
		May Ormsby 1609 A. R. O. In 5 y. 8 m. 2 d., 12.171 lbs. fat.		Piebe Queen 2d 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.
			{	Wartena Netherland Prince 128 A. R.
			{	Duchess Ormsby 2d 1613 A. R. O. In 6 y. 10 m. 22 d., 17.048 lbs. fat.

Owned by A. N. McGeoch, Milwaukee, Wis. Bred by W. H. Jones, Hustisford,  
Wis. Calved September 22, 1899.

Entered on offspring having official records as follows:

Frankie Ormsby 3713, Vol. XVI, age 2 y. 2 m. 7 d., 10.078 lbs. fat; thirty-day  
record 39.868 lbs. fat.

Lady Ormsby 3714, Vol. XVI, age 2 y. 2 m. 1 d., 11.550 lbs. fat; thirty-day  
record 44.278 lbs. fat.

Tritomia Ormsby 3716, Vol. XVI, age 2 y. 3 m. 5 d., 9.074 lbs. fat; thirty-day  
record 35.661 lbs. fat.

Rixa Ormsby 3717, Vol. XVI, age 2 y. 2 m. 22 d., 10.156 lbs. fat; thirty-day  
record 37.954 lbs. fat.

**NO. 300. SIR ONONIS NETHERLAND 21554.**

SIR ONONIS NETHER- LAND 300 A. R.	{	Soldene 2d's Netherland 8519.	{	Netherland Statesman '38 A. R.
				Soldene 2d 493 A. R. P. In 3 y. 22 d., 19 3-64 lbs. but- ter by churn.
		Ononis 2366 H.		Empire 588.
				Onyx 1066.

Owned by J. W. Coley, New Woodstock, N. Y. Bred by William Rood, Bing-  
hamton, N. Y. Calved August 27, 1894.

Entered on offspring having official records as follows:

Flora Hamilton 2d 2388, Vol. XIII, age 2 y. 9 m. 2 d., 11.968 lbs. fat.

Ruby Pietertje Netherland 2250, Vol. XIII, age 1 y. 10 m. 4 d., 7.804 lbs. fat.

Blanche Ononis Netherland 2895, Vol. XV, age 3 y. 5 m. 27 d., 11.775 lbs. fat.

Ruby Terpstra 2d 3602, Vol. XVI, age 6 y. 12 d., 16.100 lbs. fat.

Netherland Queen Ononis 4053, Vol. XVI, age 7 y. 4 m. 8 d., 14.750 lbs. fat.

Luzette Pietertje Netherland 4060, Vol. XVI, age 5 y. 11 m., 15.305 lbs. fat.

**NO. 301. KORNDYKE QUEEN'S SIR DE KOL 23056.**

KORNDYKE QUEEN'S SIR DE KOL 301 A. R.	{	Manor De Kol 130 A. R.	{	De Kol 2d's Netherland 118 A. R.
				Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.
		Korndyke Queen 1271 A. R. O. In 4 y. 1 m. 9 d., 16.558 lbs. fat.		Cooly 11102.
				Belle Korndyke 1449 A. R. O. In 10 y. 9 m. 13 d., 20.615 lbs. fat.

Owned by George K. Wright & Son, North Ridge, N. Y. Bred by Albert Webb,  
Pierrepoint Manor, N. Y. Calved June 1, 1896.

Entered on offspring having official records as follows:

Mondamin Pietertje De Kol 2038, Vol. XIII, age 3 y. 2 m. 18 d., 10.066 lbs.  
fat; Vol. XVI, age 6 y. 8 m. 28 d., 15.695 lbs. fat.

Korndyke Pietertje Queen 2657, Vol. XIV, age 2 y. 6 m. 11 d., 11.125 lbs. fat;  
Vol. XV, age 3 y. 6 m. 22 d., 12.646 lbs. fat.

Wietske Pietertje De Kol 2927, Vol. XV, age 4 y. 11 m. 23 d., 12.594 lbs. fat.

Dora Pietertje Hengerveld De Kol 3640, Vol. XVI, age 4 y. 4 m. 23 d., 11.677  
lbs. fat.

**NO. 302. WORTHEMALL SIR PIETERTJE 28864.**

WORTHEMALL SIR PIETERTJE 302 A. R.	{	Sir Pietertje Josephine Mechthilde 21412.	{	Empress Josephine 3d's Sir Mechthilde 20255.
			{	Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.
	{	Worthemall 3d 57066.	{	Prairie Aaggie Prince (2). Worthemall 1923.

Owned by James Rettie, Norwich, Ont. Bred by G. W. Clemons, St. George, Ont.  
Calved October 3, 1897.

Entered on offspring having official records as follows:

Jemima Worthemall 2084, Vol. XIII, age 2 y. 4 d., 7.497 lbs. fat.

Mercena 3d 3174, Vol. XV, age 2 y. 8 m. 3 d., 11.231 lbs. fat.

Ianthe Jewel Mechthilde 2d 3372, Vol. XV, age 2 y. 6 m. 8 d., 9.287 lbs. fat.

Aaltje Josephine Posch 3670, Vol. XVI, age 2 y. 5 m. 4 d., 9.704 lbs. fat.

**NO. 303. PAUL DE KOL 3D'S AMERICA 26646.**

PAUL DE KOL 3d's AMERICA 303 A. R.	{	Paul De Kol 3d 126 A. R.	{	Paul De Kol 97 A. R.
			{	Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 24 d., 176.420 lbs. fat 60 d.
	{	America 2d's Pauline De Kol 1227 A. R. O. In 3 y. 5 m. 15 d., 15.903 lbs. fat.	{	Paul De Kol 97 A. R. America 2d 960 A. R. P. In 3 y. 4 m. 15 d., 13 lbs. 12 oz. butter by churn.

Owned by John Legler & Son, Juda, Wis. Bred by T. G. Yeomans & Sons, Walworth, N. Y. Calved May 5, 1899.

Entered on offspring having official records as follows:

Sadie Tietje Vale 3470, Vol. XV, age 2 y. 11 m. 3 d., 9.079 lbs. fat.

Pauline Clifden 3617, Vol. XVI, age 3 y. 2 m. 10 d., 11.789 lbs. fat.

Sadie Vale Tirania 3645, Vol. XVI, age 1 y. 11 m. 7 d., 7.472 lbs. fat.

Aaggie Sadie Vale Concordia 3646, Vol. XVI, age 1 y. 10 m. 26 d., 7.625 lbs. fat.

Barbara Pauline America 4170, Vol. XVI, age 3 y. 8 m. 20 d., 13.386 lbs. fat.

Madrigal Carmen Mercedes 4177, Vol. XVI, age 2 y. 9 m. 22 d., 11.697 lbs. fat.

**NO. 304. DE KOL 2D'S BUTTER BOY 2D 22989.**

DE KOL 2d's BUTTER BOY 2d 304 A. R.	{	Empress Josephine 3d's Sir Mechthilde 20255.	{	Mechthilde's Sir Henry of Maplewood 201 A. R.
			{	Empress Josephine 3d 642 A. R. P. In 4 y. 3 m. 29 d., 31 lbs. 2 oz. butter by churn.
	{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.	{	Willem III 190 N. H. B. De Kol 6245 H.

Owned by H. A. Medlong, Oswego, N. Y. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved February 17, 1896.

Entered on offspring having official records as follows:

Fantasy Carlotta 2516, Vol. XIV, age 2 y. 1 m. 1 d., 9.657 lbs. fat.

Mary Ann De Kol 2484, Vol. XIV, age 3 y. 1 m. 14 d., 10.109 lbs. fat; Vol. XVI, age 5 y. 3 m. 29 d., 13.537 lbs. fat.

Eva Clothilde De Kol 3396, Vol. XV, age 2 y. 1 m., 8.253 lbs. fat.

Kekke 3d's Lena 3628, Vol. XVI, age 4 y. 1 m. 16 d., 12.946 lbs. fat.

Rose Bud De Kol 4152, Vol. XVI, age 4 y. 9 m. 9 d., 14.617 lbs. fat.

Leila Palmer De Kol 4319, Vol. XVI, age 4 y. 1 m. 11 d., 11.461 lbs. fat.

#### NO. 305. LEONIA TWEED'S PIETERTJE 20824.

LEONIA TWEED'S PIETERTJE 305 A. R.	{	Inka's Pietertje Netherland 119 A. R.	{	Milla's Pietertje Netherland 83 A. R.
				Inka 514 A. R. P. In 12 y., 20 lbs. 2 oz. butter by churn.
		Leonia Tweede 119 A. R. P. In 2 y. 1 m. 18 d., 9 lbs. 6 oz. butter by churn.		

Owned by Irwin Langworthy, South Brookfield, N. Y. Bred by O. B. & D. J. Hinkley, Brookfield, N. Y. Calved April 19, 1893.

Entered on offspring having official records as follows:

Mignone Twisk 2d 2946, Vol. XV, age 8 y. 2 m., 14.243 lbs. fat.

Princess Hartog Twisk 2d 2947, Vol. XV, age 7 y. 2 m. 5 d., 12.119 lbs. fat.

Irmena's Model 3265, Vol. XV, age 7 y. 3 m. 3 d., 12.257 lbs. fat.

Pietertje Hartog Imperial 3672, Vol. XVI, age 7 y. 7 m. 11 d., 12.859 lbs. fat.

Irmena's Wayward 2d 3675, Vol. XVI, age 7 y. 5 m. 17 d., 13.482 lbs. fat.

Annelida Belle 3773, Vol. XVI, age 9 y. 4 m. 13 d., 15.293 lbs. fat.

#### NO. 306. BERYL WAYNE'S PAUL DE KOL 26766.

BERYL WAYNE'S PAUL DE KOL 306 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.	{	Paul De Kol 97 A. R.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Beryl Wayne 1177 A. R. O. In 8 y. 10 m. 12 d., 22.298 lbs. fat.		Aaggie Prince of Wayne 117 A. R. Beryl 3d's Empress 10536.

Owned by Henry Stevens & Son, Lacona, N. Y. Bred by H. D. Roe, Augusta, N. J. Calved October 28, 1899.

Entered on offspring having official records as follows:

Mutual Friend 3d's Beryl 3120, Vol. XV, age 2 y. 3 m. 20 d., 10.808 lbs. fat; thirty-day record 41.710 lbs. fat.

Beryl Mutual Wayne De Kol 3176, Vol. XV, age 1 y. 11 m. 29 d., 8.882 lbs. fat; thirty-day record 35.607 lbs. fat. Vol. XVI, age 3 y. 2 m. 27 d., 11.571 lbs. fat; fourteen-day record 22.213 lbs. fat.



Princess of Wayne 7th's Beryl 3315, Vol. XV, age 2 y. 1 m. 20 d., 7.588 lbs. fat.  
 Korndyke Wayne De Kol 3720, Vol. XVI, age 1 y. 11 m. 13 d., 9.819 lbs. fat.  
 Shadybrook Gerben Parthenea 4th 3735, Vol. XVI, age 1 y. 8 m. 13 d., 14.291 lbs. fat.  
 Beryl Lady Hengerveld De Kol 3767, Vol. XVI, age 2 y. 1 m. 5 d., 8.928 lbs. fat.  
 Beryl Pietertje Korndyke 3766, Vol. XVI, age 1 y. 11 m. 27 d., 8.764 lbs. fat.  
 Pietertje De Haan 3d 3953, Vol. XVI, age 1 y. 10 m. 29 d., 8.817 lbs. fat.  
 Beryl Belle Hengerveld De Kol 4106, Vol. XVI, age 2 y. 8 m. 24 d., 11.144 lbs. fat; fourteen-day record 21.715 lbs. fat.  
 Beryl Wayne De Kol Hengerveld 4154, Vol. XVI, age 2 y. 5 d., 7.840 lbs. fat.  
 Beryl Lady Waldorf 4336, Vol. XVI, age 1 y. 9 m. 7 d., 8.173 lbs. fat.  
 Wayne Beets De Kol 4264, Vol. XVI, age 2 y. 1 m. 1 d., 10.560 lbs. fat.

**NO. 307. JOHANNA AAGGIE 2D'S LAD 26941.**

JOHANNA AAGGIE 2d's LAD 307 A. R.	{	Sarcastic Lad 194 A. R.	{	Maurice Bonheur 29394.
				Belle Sarcastic 1113 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
	{	Johanna Aaggie 2d 1689 A. R. O. In 1 y. 11 m. 15 d., 10.297 lbs. fat.	{	Sir Johanna 23446.
		Johanna Aaggie 1255 A. R. O. In 4 y. 5 m. 9 d., 18.288 lbs. fat.		

Owned by George T. McNeil, Theresa, N. Y. Bred by Gillett & Son, Rosendale, Wis. Calved April 14, 1900.

Entered on offspring having official records as follows:

Heegstra Pietertje Johanna 3699, Vol. XVI, age 2 y. 1 m. 29 d., 10.026 lbs. fat.  
 Johanna Hengerveld De Haan 3682, Vol. XVI, age 2 y. 1 m. 8 d., 7.674 lbs. fat.  
 Copia Johanna 3681, Vol. XVI, age 2 y. 12 d., 8.578 lbs. fat.  
 Maggie Beets Lady De Kol 2d 3718, Vol. XVI, age 2 y. 1 m. 9 d., 10.747 lbs. fat.  
 Copia Hengerveld 2d 3719, Vol. XVI, age 2 y. 16 d., 10.225 lbs. fat.  
 Hartog Pietertje Johanna 3747, Vol. XVI, age 2 y. 12 d., 11.496 lbs. fat; thirty-day record 46.369 lbs. fat.  
 Lady Wayne Johanna 4105, Vol. XVI, age 2 y. 7 m. 11 d., 12.123 lbs. fat.

**NO. 308. PRINCE TERZOOLO DE KOL 30683.**

PRINCE TERZOOLO DE KOL 308 A. R.	{	De Kol Acma 203 A. R.	{	De Kol Burke 162 A. R.
				Lady Longfield 3d 1383 A. R. O. In 3 y. 11 m. 20 d., 16.897 lbs. fat.
	{	Belle Terzool Mechthilde 3067 A. R. O. In 6 y. 4 m. 26 d., 17.643 lbs. fat.	{	Mechthilde's Sir Henry of Maplewood 201 A. R.
		Belle Terzool 41122.		

Owned by M. B. Ranney, Bowers, Wis. Bred by E. C. Petrie, Bowers, Wis.  
Calved September 12, 1901.

Description: Age, 3 y. 19 d.; milk and beef form; head, proportionate, symmetrical; neck, strong, smooth; chine, straight, broad, open; loin and hips, strong, nearly level; rump, moderately high, nearly level; escutcheon, medium, fine; mammary veins, long, large, branching; rudimentary teats, large, well placed; handling, good; secretions of skin, abundant, oily; general appearance, vigorous, stylish; height, shoulders 57 inches, hips 60; length, body 67.5, rump 23; width, hips 23, thurl 22; girth 83; weight, 1,700 lbs. Est.; condition, thin; examiner, O. J. Hanzlik; examined October 1, 1904.

#### NO. 309. NIG NELSON 27647.

NIG NELSON 309 A. R.	{	Pearl of the Dairy's Joe De Kol 164 A. R.	{ Paul Johanna De Kol 184 A. R. Pearl of the Dairy 13271.
		Nig Alcartra 2d 1941 A. R. O. In 2 y. 10 m. 29 d., 8,938 lbs. fat.	{ Canary's Mercedes' Royal Sirocco 22450. Nig Alcartra 44436.

Owned by Sidney M. Randall, Waupun, Wis. Bred by E. E. Randall, Hustisford, Wis. Calved May 31, 1900.

Entered on offspring having official records as follows:

Gettie M. 3d 3684, Vol. XVI, age 2 y. 1 m. 24 d., 7,856 lbs. fat.

Signora Belmont 2d 3686, Vol. XVI, age 2 y. 3 m. 12 d., 8,821 lbs. fat.

Rose Thomas 3755, Vol. XVI, age 2 y. 5 m. 14 d., 10,174 lbs. fat.

Lizzie Davenport 5th 3754, Vol. XVI, age 2 y. 8 m. 10 d., 10,906 lbs. fat.

#### NO. 310. CLYDE PAUL DE KOL 25131.

CLYDE PAUL DE KOL 310 A. R.	{	Paul De Kol 97 A. R.	{ De Kol 2d's Prince 43 A. R. Pauline Paul 852 A. R. P. In 8 y., 1,153 lbs. 15.8 oz. butter by churn 365 d.
		Kittie Clyde 2d's Coral 1440 A. R. O. In 6 y. 4 m. 19 d., 19,504 lbs. fat.	{ King Coral 134 A. R. Kittie Clyde 2d 900.

Owned and bred by W. B. Smith & Son, Columbus, O. Calved December 29, 1898.

Entered on offspring having official records as follows:

Mineral De Kol 3251, Vol. XV, age 2 y. 10 m. 14 d., 10,706 lbs. fat.

Adventuress Beauty De Kol 3252, Vol. XV, age 2 y. 5 m. 9 d., 9,447 lbs. fat.

July Jelkje 3309, Vol. XV, age 2 y. 5 m. 9 d., 11,551 lbs. fat.

We Said 3746, Vol. XVI, age 2 y. 8 m. 13 d., 8,281 lbs. fat.

Never Again 2d 4085, Vol. XVI, age 3 y. 2 m. 13 d., 10,789 lbs. fat.

**NO. 311. BEAUTIFUL BOON'S PAUL DE KOL 22348.**

BEAUTIFUL BOON'S PAUL DE KOL 311 A. R.	{	Aaggie Wayne 4th's Paul De Kol 20928.	{ Paul De Kol 97 A. R.
			{ Aaggie Wayne 4th 1103 A. R. P. In 2 y. 1 m. 15 d., 7,977.1 lbs. milk 10 m.
	{	Beautiful Boon 27177.	{ Shadeland Boon 2d's King 11999. Geuker Vena 7731.

Owned by John B. Parke, Watertown, N. Y. Bred by E. C. Brill, Poughquag,  
N. Y. Calved December 7, 1895.

Entered on offspring having official records as follows:

Sallie Boon 3573, Vol. XVI, age 6 y. 1 m. 1 d., 12.081 lbs. fat.

Pamelia Boon 3574, Vol. XVI, age 6 y. 11 d., 12.328 lbs. fat.

Janice 3575, Vol. XVI, age 4 y. 11 m. 5 d., 12.081 lbs. fat.

Rosina De Kol 3753, Vol. XVI, age 5 y. 3 m. 21 d., 12.701 lbs. fat.

**NO. 312. MONARCH NETHERLAND 25232.**

MONARCH NETHER- LAND 312 A. R.	{	Clothilde Netherland Pasha 211 A. R.	{ Pasha Clothilde 20513. Clothilde Netherland 17957.
		Miss Sharp 1546 A. R. O. In 4 y. 8 m. 2d., 12.568 lbs. fat.	{ Aaggie Beauty 2d's Statesman 131 A. R. Puss Sharp 33951.

Owned by M. B. Ranney, Bowers, Wis. Bred by W. B. Smith & Son, Columbus,  
O. Calved June 24, 1898.

Entered on offspring having official records as follows:

Daisy Sharp 3786, Vol. XVI, age 3 y. 8 m. 19 d., 12.743 lbs. fat.

Lady Snow Flake Pietertje 3783, Vol. XVI, age 2 y. 10 m. 2 d., 8.481 lbs. fat.

Netherland Kate Mercedes 3784, Vol. XVI, age 3 y. 8 m. 26 d., 11.252 lbs. fat.

Miss Leland 3785, Vol. XVI, age 3 y. 8 m. 2 d., 11.517 lbs. fat.

**NO. 313. BARONET GERBEN 26983.**

BARONET GERBEN 313 A. R.	{	Gold Leaf 2d Gerben Sir Henry 24269.	{ Gerben Mechtchilde Sir Henry 23595. Gold Leaf 2d 10170 H.
		Baroness Rose 40800.	{ Zweifel 20529. Baroness Barrington 32340.

Owned and bred by John C. Doubt, Havelock, Neb. Calved September 3, 1898.

Entered on offspring having official records as follows:

Nebraska Dora 2788, Vol. XIV, age 1 y. 11 m. 14 d., 7.558 lbs. fat.  
 Sharon Countess 3360, Vol. XV, age 2 y. 4 m. 29 d., 12.568 lbs. fat.  
 Patty Baronet 3361, Vol. XV, age 3 y. 4 m. 22 d., 10.438 lbs. fat.  
 Gerben Maid Mechtchilde 3768, Vol. XVI, age 2 y. 1 m. 21 d., 9.758 lbs. fat.  
 Queen Gerben 3777, Vol. XVI, age 2 y. 1 m. 19 d., 8.491 lbs. fat.

# **NO. 314. LEBANON PIETERTJE PRINCE 23469.**

LEBANON PRINCE 314 A. R.	{	Inka Princess Pietertje Pledge 140 A. R.	{ Inka Pledge 20620.
			{ Inka Princess 867 A. R. P. In 1 y. 11 m. 10 d., 15 lbs. 10 oz. butter by churn.
		Lillian Walker 2667 A. R. O. In 7 y. 6 m. 6 d., 71.615 lbs. fat 30 d.	{ Pietertje Waldorf 120 A. R.  Bessie Welsrijp's Beauty 35159.

Owned by A. A. Hartshorn, Hamilton, N. Y. Bred by A. F. Cole, Morrisville Station, N. Y. Calved September 15, 1897.

Entered on offspring having official records as follows:

Lillian Walker 2d 3021, Vol. XV, age 2 y. 4 m. 17 d., 8.187 lbs. fat. Vol XV, age 3 y. 3 m. 6 d., 12.068 lbs. fat.

Cleopatra Gelsche 3379, Vol. XV, age 2 y. 5 m. 5 d., 12.312 lbs. fat.

Princess Clothilde Pietertje 3621, Vol. XVI, age 2 y. 5 m. 24 d., 10.852 lbs. fat.

Arvilla Belle 3771, Vol. XVI, age 2 y. 11 m. 4 d., 10.734 lbs. fat.

Beauty Pietertje 4144, Vol. XVI, age 5 y. 4 m. 1 d., 21.520 lbs. fat; thirty-day record 87.025 lbs. fat.

# **NO. 315. NETHERLAND CLOTHILDE AAGGIE 21950.**

NETHERLAND CLO- THILDE AAGGIE 315 A. R.	{	Pasha Clothilde 20513.	{ Netherlands Statesman 38 A. R.
			{ Clothilde 3d's Clothilde 17955.
		Aaggie's Second Daughter 900 A. R. P. In 2 y. 25 d., 15 lbs. 1 oz. butter by churn.	{ Netherlands Prince 8 A. R.  Aaggie 38 A. R. P. In 5 y. 11 m. 23 d., 18.004 5-16 lbs. milk 1 y.

Owned by J. R. Elliott, Woodward, Ia. Bred by Smith's & Powell Co., Syracuse, N. Y. Calved March 18, 1895.

Entered on offspring having official records as follows:

Anne E. Aaggie 2037, Vol. XIII, age 1 y. 11 m. 25 d., 7.719 lbs. fat.

Langtry Clothilde Netherlands 2034, Vol. XIII, age 1 y. 11 m. 27 d., 7.945 lbs. fat.

Rijaneta Mercedes Clothilde 3626, Vol. XVI, age 2 y. 3 m. 5 d., 8.970 lbs. fat.

Aaggie Belle Dowager 3815, Vol. XVI, age 2 y. 6 m. 6 d., 9.252 lbs. fat.

Aaggie Lucy Wit 3819, Vol. XVI, age 2 y. 7 m., 11.056 lbs. fat.

Jeek Queen 4th 3971, Vol. XVI, age 2 y. 3 d., 10.353 lbs. fat.

**NO. 316. McKINLEY PAUL 25774.**

McKINLEY PAUL 316 A. R.	{	Neta Paul's Son 22125.	{	De Kol 2d's Alban 114 A. R.
		Neta Paul 5522 H.		Neta Paul 5522 H.
	{	Neta Paul 5522 H.	{	Climax 204 H.
				Johanna Paul 677 H.

Owned and bred by George West, Syracuse, N. Y. Calved August 15, 1897.

Entered on offspring having official records as follows:

Beech Grove Susie De Kol 2d 3274, Vol. XV, age 1 y. 11 m. 10 d., 8.405 lbs. fat.

Bertha Shadeland Paul 3603, Vol. XVI, age 4 y. 3 m. 24 d., 16.379 lbs. fat.

Emperor Volena 2d 3616, Vol. XVI, age 4 y. 5 m. 3 d., 12.222 lbs. fat.

Paul Eusebia De Kol 3820, Vol. XVI, age 5 y. 4 m. 26 d., 18.742 lbs. fat.

Maplecroft Pietertje De Kol 4016, Vol. XVI, age 3 y. 9 m. 11 d., 13.552 lbs. fat.

**NO. 317. OAKLAND CAYUGA CHIEF 27100.**

OAKLAND CAYUGA CHIEF 317 A. R.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.
				Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
	{	Maplecroft Maid 1352 A. R. O. In 5 y. 4 m. 2 d., 18.064 lbs. fat.	{	De Kol 2d's Alban 114 A. R.
				Maid of Vernon 413 A. R. P. In 7 y. 11 m. 15 d., 22 5-32 lbs. butter by churn.

Owned by Uriah Wood Co., Los Banos, Cal. Bred by W. A. Matteson, Utica, N. Y. Calved March 14, 1900.

Entered on offspring having official records as follows:

Western Princess Babe 3217, Vol. XV, age 1 y. 8 m. 9 d., 8.912 lbs. fat.

Idlewild Blanco Belle 3347, Vol. XV, age 1 y. 7 m. 18 d., 8.063 lbs. fat.

Mattie Clay Dora 3761, Vol. XVI, age 2 y. 2 m. 11 d., 9.074 lbs. fat.

Western Duchess Bessie 3821, Vol. XVI, age 2 y. 4 m. 14 d., 8.700 lbs. fat.

**NO. 318. CHIEF PIEBE OAK DUCHESS 28176.**

CHIEF PIEBE OAK DUCHESS 318 A. R.	{	Piebe De Kol Burke 165 A. R.	{	De Kol Burke 162 A. R.
				Piebe Queen 2d 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.
	{	Lady Oak 2d 1684 A. R. O. In 7 y. 2 m. 11 d., 17.189 lbs. fat.	{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
				Lady Oak 1939 A. R. O. In 8 y. 11 m. 16 d., 13.957 lbs. fat.

Owned by A. A. Cortelyou, Neshanic, N. J. Bred by S. B. Jones & Son, Watertown, Wis. Calved April 12, 1900.



Entered on offspring having official records as follows:

Lucy Watson 3612, Vol. XVI, age 2 y. 2 m. 22 d., 9.766 lbs. fat.

Ollie Oak Duchess 3775, Vol. XVI, age 2 y. 3 m. 24 d., 9.024 lbs. fat.

Roxy Anna 3837, Vol. XVI, age 2 y. 5 m. 23 d., 10.881 lbs. fat.

Miss Polly Carp 3834, Vol. XVI, age 2 y. 1 m. 29 d., 11.107 lbs. fat.

Josephine Empress 3830, Vol. XVI, age 2 y., 9.254 lbs. fat.

Princess Rose Aaggie 3836, Vol. XVI, age 2 y. 1 m. 14 d., 10.800 lbs. fat.

Lilly Gewina 2d 4347, Vol. XVI, age 2 y. 3 m. 28 d., 13.087 lbs. fat.

Allie Nig 2d 4366, Vol. XVI, age 1 y. 11 m. 17 d., 9.343 lbs. fat.

### NO. 319. PAULINE PAUL 3D'S SIR MECHTHILDE 21492.

PAULINE PAUL 3d's SIR MECHTHILDE 319 A. R.	{	Inka 4th's Sir Mechthilde 19429.	{	Tirania's Sir Mechthilde 16469.
				Inka 4th 516 A. R. P. In 4 y. 1 m. 14 d., 19 lbs. 2 oz. butter by churn.
		Pauline Paul 3d 31523.		De Kol 2d's Netherland 118 A. R.
			{	Pauline Paul 852 A. R. P. In 8 y., 1,153 lbs. 15.8 oz. butter by churn 365 d.

Owned by I. J. Foster, Cortland, N. Y. Bred by D. F. Wilber, Oneonta, N. Y.  
Calved August 6, 1894.

Entered on offspring having official records as follows:

America Pauline 2024, Vol. XIII, age 4 y. 17 d., 10.873 lbs. fat.

Heeringa Pauline 2d 1935, Vol. XII, age 4 y. 1 m. 23 d., 11.600 lbs. fat. Vol.  
XIII, same age, 12.987 lbs. fat. Vol. XIII, age 5 y. 1 m. 3 d., 13.567 lbs. fat. Vol.  
XV, age 7 y. 25 d., 20.422 lbs. fat.

Pauline De Kol Wayne 2532, Vol. XIV, age 5 y. 7 m. 29 d., 13.560 lbs. fat;  
fourteen-day record 25.619 lbs. fat.

Nazli Pauline 3d 3847, Vol. XVI, age 7 y. 9 m. 27 d., 12.476 lbs. fat.

### NO. 320. ZANCA DE KOL SIR JOHANNA 30407.

ZANCA DE KOL SIR JO- HANNA 320 A. R.	{	Johanna Aaggie's Sarcastic Lad 26935.	{	Sarcastic Lad 194 A. R.
				Johanna Aaggie 1255 A. R. O. In 4 y. 5 m. 9 d., 18.288 lbs. fat.
		Zanca De Kol 1418 A. R. O. In 6 y. 4 m. 15 d., 18.508 lbs. fat.		De Kol 2d's Paul De Kol 107 A. R.
			{	Zanca 1165 A. R. P. In 6 y. 5 m. 7 d., 18 lbs. 15.4 oz. butter by churn.

Owned by E. C. Petrie, Elkhorn, Wis. Bred by H. D. Roe, Augusta, N. J.  
Calved November 28, 1901.

Description: Age, 3 y. 15 d.; dairy and beef form; head, symmetrical, proportionate; neck, medium length, heavily crested; chine, straight; loin and hips, wide, long, nearly level, strong; rump, wide, very long, moderately high; escutcheon, good; mammary veins moderately large, long; rudimentary teats, good size; handling, superior; secretions of skin, very abundant, oily, yellow; general appearance, vigorous, healthy, stylish; height, shoulders 60 inches, hips 61.5; length, body 69.25, rump 24; width, hips 25.5, thurl 23; girth 89; weight, 1,860 lbs.; examiner, O. J. Hanzlik; examined December 13, 1904.

**NO. 321. MECHTHILDE'S CAREME COLANTHA 22818.**

MECHTHILDE'S CAREME COLANTHA 321 A. R.	{	Careme's Union Pacific 17525.	{	Colantha's Sir Henry 3733.
				Careme 7469 H.
		Mechthilde 6718 H.		

Owned by R. M. Hotaling, San Francisco, Cal. Bred by Estate of J. H. Packard, New Windsor, Col. Calved December 8, 1895.

Entered on offspring having official records as follows:

Tirania Careme Mechthilde 2380, Vol. XIII, age 2 y. 10 m. 17 d., 9.724 lbs. fat.

Mabel Haskins Mechthilde 3007, Vol. XV, age 3 y. 29 d., 10.359 lbs. fat.

Mechthilde of Monticello 3191, Vol. XV, age 5 y. 8 m. 13 d., 12.204 lbs. fat.

Dotty Cool 3854, Vol. XVI, age 2 y. 4 m. 23 d., 8.939 lbs. fat.

Vogelschen 3988, Vol. XVI, age 2 y. 9 m. 16 d., 9.438 lbs. fat.

Carola of Sleepy Hollow 4350, Vol. XVI, age 2 y. 8 m. 18 d., 12.084 lbs. fat.

**NO. 322. SIR JEWEL PARTHENEAE SOLDENE 25706.**

SIR JEWEL PARTHENEAE SOLDENE 322 A. R.	{	Senator Partheneae Mechthilde 22929.	{	Partheneae's Second Sir Henry 12366.
				Mechthilde 2d 11339.
		Colantha Jewel Soldene 41673.	{	Sir Netherland Soldene 21099.
				Colantha Jewel 30769.

Owned by Ira S. Jarvis, Hartwick Seminary, N. Y. Bred by William Rood, Binghamton, N. Y. Calved October 18, 1898.

Entered on offspring having official records as follows:

Jewel Raphaella De Kol 2934, Vol. XV, age 2 y. 6 m. 14 d., 8.455 lbs. fat.

Jewel Partheneae Bell 3154, Vol. XV, age 2 y. 11 m. 8 d., 9.281 lbs. fat.

Revonna Jewel Soldene Maid 3152, Vol. XV, age 2 y. 9 m. 7 d., 8.602 lbs. fat. Vol. XVI, age 4 y. 12 d., 10.720 lbs. fat; fourteen-day record 20.491 lbs. fat.

Revonna Partheneae Jewel 3874, Vol. XVI, age 2 y. 9 m. 21 d., 8.220 lbs. fat; second record, same age, 8.679 lbs. fat.

**NO. 323. HOMESTEAD PRINCE DE KOL 25863.**

HOMESTEAD PRINCE DE KOL 323 A. R.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.	{ De Kol 2d's Paul De Kol 107 A. R.
			{ Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.
		Shadeland De Kol 1357 A. R. O. In 2 y. 11 m. 28 d., 12.263 lbs. fat.	{ Hero De Kol 274 A. R.
			{ Shadeland Angie 1348 A. R. O. In 9 y. 2 m. 24 d., 13.974 lbs. fat.

Owned by William Everson, Lake Mills, Wis. Bred by W. A. Matteson, Utica, N. Y. Calved April 17, 1899.

Entered on offspring having official records as follows:

Alice De Kol Wayne of Lake Side 3380, Vol. XV, age 1 y. 11 m. 6 d., 12.538 lbs. fat; thirty-day record 49.028 lbs. fat.

Mercedes De Kol of Lake Side 3382, Vol. XV, age 1 y. 11 m. 22 d., 10.720 lbs. fat.

Ava Terzool Homestead De Kol 3425, Vol. XV, age 2 y. 2 m. 17 d., 8.853 lbs. fat.

Homestead De Kol of Lake Side 3878, Vol. XVI, age 2 y. 14 d., 8.073 lbs. fat.

**NO. 324. COUNT PAUL DE KOL 19108.**

COUNT PAUL DE KOL 324 A. R.	{	Paul De Kol 97 A. R.	{ De Kol 2d's Prince 43 A. R.
			{ Pauline Paul 852 A. R. P. In 8 y., 1,153 lbs. 15.8 oz. butter by churn 365 d.
		De Kol 2d's Queen 662 A. R. P. In 3 y., 28 lbs. 7 oz. butter by churn.	{ Forster 35 A. R.
			{ De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.

Owned by James A. Graham, Paterson, N. J. Bred by J. B. Dutcher & Son, Pawling, N. Y. Calved April 20, 1892.

Entered on offspring having official records as follows:

Cradock De Kol 1568, Vol. X, age 1 y. 9 m. 26 d., 7.517 lbs. fat. Vol. XII, age 3 y. 6 m. 26 d., 11.381 lbs. fat.

Countess Pauline Paul 2524, Vol. XIV, age 4 y. 5 m. 28 d., 12.765 lbs. fat. Vol. XVI, age 6 y. 10 m. 6 d., 15.389 lbs. fat; fourteen-day record 27.936 lbs. fat.

Melka De Kol 3550, Vol. XV, age 6 y. 11 m. 5 d., 12.465 lbs. fat.

Pauline Paul 2d's Queen 3910, Vol. XVI, age 5 y. 11 m. 24 d., 13.363 lbs. fat.

Pauline Abbekerk 4032, Vol. XVI, age 7 y. 5 m. 12 d., 12.864 lbs. fat; fourteen-day record 25.505 lbs. fat.

**NO. 325. SIR BARNUM MECHTHILDE 20575.**

SIR BARNUM MECH- THILDE 325 A. R.	{	Tirania's Sir Mechthilde 16469.	{	Mechthilde's Sir Henry of Maplewood 201 A. R.
		Irene Barnum 20401.		Tirania 6716 H.
			{	Netherland Rupert 7203.
			{	Dora Barnum 669 A. R. P. In 3 y. 1 m. 26 d., 20 9-32 lbs. butter by churn.

Owned by H. M. Olney, Vernon, Mich. Bred by D. F. Wilber, Oneonta, N. Y.  
Calved July 22, 1893.

Entered on offspring having official records as follows:

Prairie Flower Netherland Mechthilde 2938, Vol. XV, age 2 y. 2 m. 22 d.,  
8.312 lbs. fat. Vol. XVI, age 3 y. 9 m. 21 d., 10.918 lbs. fat.

Hat Lady Barnum Mechthilde 3028, Vol. XV, age 6 y. 21 d., 16.989 lbs. fat.

Bewunde Aaggie Mechthilde 3027, Vol. XV, age 3 y. 11 m. 10 d., 10.853 lbs.  
fat. Vol. XVI, age 5 y. 1 m. 20 d., 14.049 lbs. fat.

Elzevere Barnum Mechthilde 3894, Vol. XVI, age 7 y. 9 d., 15.997 lbs. fat.

**NO. 326. SIR AAGGIE DE KOL NETHERLAND 29588.**

SIR AAGGIE DE KOL NETHERLAND 326 A. R.	{	Netherland De Kol's Sir Mechthilde 22241.	{	Empress Josephine 3d's Sir Mechthilde 20255.
		Aaggie De Kol 1919 A. R. O. In 7 y. 10 m. 21 d., 15.062 lbs. fat.		Netherland De Kol 1006 A. R. P. In 2 y. 5 m. 21 d., 20 5-16 lbs. butter by churn.
			{	De Kol 2d's Netherland 118 A. R.
			{	Aaggie B. 1135 A. R. O. In 5 y. 10 m. 2 d., 13.400 lbs. fat.

Owned by A. J. Daugherity, Streator, Ill. Bred by Frank White, Dana, Ill.  
Calved February 15, 1900.

Entered on offspring having official records as follows:

Gazelle Pietertje De Kol 3928, Vol. XVI, age 2 y. 1 m. 27 d., 8.490 lbs. fat.

Gazelle Pietertje Netherland 3927, Vol. XVI age 2 y. 2 m. 2 d., 7.842 lbs. fat.

Jessie Rector 2d 3940, Vol. XVI, age 2 y. 1 m. 23 d., 10.347 lbs. fat.

Maid De Kol of Cloverdale 2d 3939, Vol. XVI, age 2 y. 3 m. 24 d., 8.760  
lbs. fat.

**NO. 327. PONTIAC BUTTER BOY 23154.**

PONTIAC BUTTER BOY 327 A. R.	{	De Kol 2d's, Butter Boy 129 A. R.	{	Sir Abbekerk 19056.
		Rag Apple's Clothilde Artis 1157 A. R. O. In 2 y. 1 m. 1 d., 10.024 lbs. fat.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	Artis Adiantum's Clothilde 116 A. R.
			{	Rag Apple 437 A. R. P. In 2 y. 10 m. 8 d., 9.652 1/4 lbs. milk 10 m.

Owned by Northern Michigan Asylum, Traverse City, Mich. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved March 26, 1897.

Entered on offspring having official records as follows:

American Ivy 3945, Vol. XVI, age 3 y. 1 m. 29 d., 11.208 lbs. fat.  
 Pontiac Ivy 3947, Vol. XVI, age 5 y. 4 m. 8 d., 12.503 lbs. fat.  
 Traverse Kaastra Belle 3946, Vol. XVI, age 3 y. 9 m. 16 d., 10.259 lbs. fat.  
 Lady Pontiac 3949, Vol. XVI, age 5 y. 17 d., 14.041 lbs. fat.  
 Pontiac Heikje 3944, Vol. XVI, age 3 y. 3 m. 18 d., 12.406 lbs. fat.  
 Lady May Traverse 3943, Vol. XVI, age 2 y. 5 m. 16 d., 9.621 lbs. fat.  
 April Denver 4055, Vol. XVI, age 2 y. 9 m. 14 d., 12.683 lbs. fat; fourteen-day record 24.655 lbs. fat.  
 Atta Pontiac 4049, Vol. XVI, age 5 y. 4 m., 12.229 lbs. fat.  
 Pansy Kaastra 4046, Vol. XVI, age 3 y. 6 m. 17 d., 13.104 lbs. fat.  
 Laundry Girl 4047, Vol. XVI, age 3 y. 1 m. 3 d., 12.165 lbs. fat.  
 Pontiac Kaastra 4302, Vol. XVI, age 5 y. 2 m. 23 d., 14.020 lbs. fat.  
 Plush Pontiac 4300, Vol. XVI, age 5 y. 7 m. 19 d., 12.138 lbs. fat.  
 Ryma Zwelle 4297, Vol. XVI, age 3 y. 8 m. 23 d., 16.359 lbs. fat.  
 Lady Kaastra 4295, Vol. XVI, age 3 y. 1 m. 4 d., 12.170 lbs. fat.

#### NO. 328. PAUL CALAMITY DE KOL 31095.

PAUL CALAMITY DE KOL 328 A. R.	{	Calamity De Kol Paul 27488.	{ Pieterdje Hengerveld's Paul De Kol 109 A. R.
			{ Calamity Jane's Pauline 1688 A. R. O. In 4 y. 5 m. 28 d., 14.172 lbs. fat.
		Calamity Jane 3d 2439 A. R. O. In 4 y. 6 m. 10 d., 59.635 lbs. fat 30 d.	{ Winnie R's De Kol 25836.  Calamity Jane 1311 A. R. O. In 7 y. 10 m. 11 d., 20.041 lbs. fat.

Owned by F. W. Allis, Madison, Wis. Bred by W. A. Matteson, Utica, N. Y.  
 Calved April 27, 1902.

Description: Age, 2 y. 9 m. 10 d.; dairy and beef form; head, proportionate, symmetrical; neck, thick, strongly arched; chine, straight, strong; loin and hips, wide, long, strong, nearly level; rump, moderately high, moderately long; escutcheon, good; mammary veins, moderately large and long; rudimentary teats, good; handling, superior; secretions of skin, oily; general appearance, vigorous, healthy; height, shoulders 56 inches, hips 57; length, body 71.5, rump 23; width, hips 21.75, thurl 21; girth 83.5; weight, 1,670 lbs.; condition good; examiner, O. J. Hanzlik; examined February 7, 1905.

#### NO. 329. PENSE JOHANNA 29332.

PENSE JOHANNA 329 A. R.	{	Johanna Paul Colantha 25466.	{ Paul Colantha 225 A. R.
			{ Johanna Rue 2d 1105 A. R. O. In 5 y. 3 m. 13 d., 17.027 lbs. fat.
		Pense 5th's Netherland 45733.	{ Netherland Carl 16 A. R.  Pense 5th 4753 H.



Owned by F. W. Allis, Madison, Wis. Bred by A. N. McGeoch, Milwaukee, Wis.  
Calved February 22, 1901.

Description: Age, 3 y. 11 m. 15 d.; dairy and beef form; head, proportionate, symmetrical; neck, thick, strongly arched; chine, straight, strong; loin and hips, wide, long, strong; rump, moderately high, wide and long; escutcheon, fair; mammary veins, very long, large exteriors; rudimentary teats, good; handling, superior; secretions of skin, oily, yellow, abundant; general appearance, healthy, vigorous; height, shoulders 57.5 inches, hips 57.5; length, body 69, rump 24.5; width, hips 23.5, thurl 23.5; girth 87; weight, 1,920 lbs.; condition good; examiner, O. J. Hanzlik; examined February 7, 1905.

### NO. 330. SIR PIETERTJE DE MAR DE KOL 34096.

SIR PIETERTJE DE MAR DE KOL, 330 A. R.	{	Gem Pietertje Hengerveld Paul De Kol 155 A. R.	{	Pietertje Hengerveld's Paul De Kol 109 A. R.
				Maplecroft Gem 1351 A. R. O. In 5 y. 5 m. 11 d., 16.079 lbs. fat.
		De Mar 20022.		Duke of Portland 1721. Dina Van Beers 1218.

Owned by A. C. Demerit & Son, Lake Mills, Wis. Bred by A. C. Demerit, Lake Mills, Wis. Calved April 28, 1901.

Description: Age, 3 y. 8 m. 11 d.; dairy form; head, dishing, good length, clean cut; neck, good length, clean; chine, broad and open; loin and hips, level and broad; rump, straight and level; escutcheon, good; mammary veins, long, large; three milk wells; rudimentary teats, well placed; handling, very good; secretions of skin, yellow and plentiful; general appearance, vigorous; height, shoulders 60 inches, hips 60; length, body 66, rump 23; width, hips 23, thurl 22.75; girth 86; weight, 1,820 lbs.; examiner, James A. Ford; examined January 9, 1905.

### NO. 331. BARBETTA'S COLANTHUS 21902.

BARBETTA'S COLAN- THUS 331 A. R.	{	Partheneas Colanthus 186 A. R.	{	Colantha's Sir Henry 3733. Partheneas 9597 H.
		Barbetta 10052.	{	Jilbert 149 D. F. Barbara L. 3042.

Owned by Joseph Brooks, Watertown, Wis. Bred by L. B. Leonard, Lake Mills, Wis. Calved April 5, 1893.

Entered on offspring having official records as follows:

Kate Colanthus 1916, Vol. XII, age 4 y. 1 m. 1 d., 11.385 lbs. fat. Vol. XIII, age 5 y. 4 m. 15.209 lbs. fat; thirty-day record 61.282 lbs. fat.

Pearl Colanthus Barbetta 2205, Vol. XIII, age 3 y. 7 m. 12 d., 11.518 lbs. fat.

Aaggie Barbetta 3108, Vol. XV, age 7 y. 7 m. 1 d., 14.712 lbs. fat. Vol. XVI, age 8 y. 7 m. 23 d., 16.288 lbs. fat; thirty-day record 65.028 lbs. fat; fourteen-day record 31.855 lbs. fat.

Barbetta Beauty Colanthus 3980, Vol. XVI, age 7 y. 4 d., 12.518 lbs. fat.

**NO. 332. AAGGIE CORNUCOPIA'S PAUL DE KOL 24016.**

AAGGIE CORNUCOPIA'S PAUL DE KOL 332 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.	{	Paul De Kol 97 A. R.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Aaggie Cornucopia 1179 A. R. P. In 6 y., 21 lbs. 7.4 oz. butter by churn.		Aaggie 3d's Prince 5148.  Cornucopia 31 A. R. P. In 2 y., 7,969 13-16 lbs. milk 10 m.

Owned by H. B. Lauber, Dairyland, N. Y. Bred by H. D. Roe, Augusta, N. J.  
Calved February 6, 1898.

Entered on offspring having official records as follows:

Neah Pauline De Kol 3824, Vol. XVI, age 5 y. 2 m. 23 d., 13.673 lbs. fat.

Pauline Neah De Kol 3827, Vol. XVI, age 4 y. 2 m. 14 d., 12.099 lbs. fat;  
fourteen-day record 22.447 lbs. fat.

Aaggie Jetta's Pauline De Kol 3882, Vol. XVI, age 5 y. 29 d., 13.353 lbs. fat.

Jamaica Veeman 3d 3997, Vol. XVI, age 2 y. 1 m. 6 d., 9.742 lbs. fat; fourteen-  
day record 18.696 lbs. fat.

Lieuwkje Pauline De Kol 4266, Vol. XVI, age 5 y. 2 m. 14 d., 12.487 lbs. fat.

Lady Jessie Aaggie De Kol 4265. Vol. XVI, age 2 y. 4 d., 10.313 lbs. fat.

**NO. 333. DUKE OF CAMP HARVEY 24793.**

DUKE OF CAMP HARVEY 333 A. R.	{	Prince Salo Inka Pietertje De Kol 22751.	{	Prince Inka Pietertje De Kol 21089.
				Aaltje Salo 5868 H.
		Schoone 1125 A. R. O. In 11 y. 5 m. 26 d., 15.120 lbs. fat.		

Owned and bred by J. Rust, West Allis, Wis. Calved October 11, 1897.

Entered on offspring having official records as follows:

Aaltje Nettie 2d 3214, Vol. XV, age 4 y. 3 m. 20 d., 11.449 lbs. fat.

Aaltje Salo Wartena 2d 3223, Vol. XV, age 3 y. 2 m. 26 d., 11.140 lbs. fat.

Aaltje Salo Erna 2d 3841, Vol. XV, age 2 y. 1 m. 27 d., 9.126 lbs. fat.

Akkrummer Ernestine Alma 4001, Vol. XV, age 3 y. 3 m. 9 d., 10.437 lbs. fat.

**NO. 334. PRINCE OF CLOVERDALE 635 W.**

PRINCE OF CLOVER- DALE 334 A. R.	{	Bettina's Rijaneta Herbert 11239.	{	Florence Herbert's Kazoo 4053 H.
				Bettina 2466 H.
		Rosa Beechwood 3392 H.		Prince of Edam 1733 H.  Eudora 3349 H.

Owned by A. J. Daugherty, Streator, Ill. Bred by J. H. Coolidge & Son,  
Galesburg, Ill. Calved March 1, 1892.

Entered on offspring having official records as follows:

- Pietertje Lass 2d 1601, Vol. XI, age 3 y. 8 d., 10.246 lbs. fat. Vol. XV, age 6 y. 11 d., 15.464 lbs. fat.  
 Maid of Cloverdale Queen 3077, Vol. XV, age 6 y. 4 m. 10 d., 15.775 lbs. fat.  
 Nellie Rector 2d 3994, Vol. XV, age 7 y. 7 m. 25 d., 12.260 lbs. fat.  
 Belle Pietertje Keyes 4011, Vol. XVI, age 7 y. 10 m. 29 d., 12.653 lbs. fat.

**NO. 335. DUCHESS ORMSBY PIEBE BURKE 29328.**

DUCHESS ORMSBY PIEBE BURKE 335 A. R.	{	Piebe De Kol Burke 165 A. R.	{	De Kol Burke 162 A. R.
				Piebe Queen 2d 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.
	{	Duchess Ormsby 1432 A. R. O. In 9 y. 10 m. 14 d., 19.418 lbs. fat.	{	Uncle Hicks 6th 6154. Piebe 2d 7402.

Owned and bred by W. H. Jones, Watertown, Wis. Calved January 23, 1901.

Entered on offspring having official records as follows:

- Lady Fern Ormsby 4021, Vol. XVI, age 2 y. 2 m. 9.241 lbs. fat.  
 Reka Ormsby 4019, Vol. XVI, age 2 y. 25 d., 9.554 lbs. fat.  
 Maud Ormsby 4022, Vol. XVI, age 2 y. 1 d., 8.778 lbs. fat; thirty-day record 34.965 lbs. fat.  
 Piebe Ormsby Duchess 4024, Vol. XVI, age 2 y. 1 m. 16 d., 8.083 lbs. fat; fourteen-day record 15.829 lbs. fat.  
 Lady Oak Duchess 4213, Vol. XVI, age 1 y. 11 m. 21 d., 7.532 lbs. fat.  
 Lady Oak Groye Ormsby 4340, Vol. XVI, age 1 y. 11 m. 2 d., 10.335 lbs. fat.  
 Alcartra Polkadot Ormsby 4291, Vol. XVI, age 1 y. 10 m. 29 d., 10.629 lbs. fat; thirty-day record 44.400 lbs. fat.

**NO. 336. CLOTHILDE NETHERLAND DE KOL KING 28145.**

CLOTHILDE NETHERLAND DE KOL KING 336 A. R.	{	Sir Veeman Lamb De Kol 236 A. R.	{	Lamb De Kol Pietertje 218 A. R.
				Sethje Veeman 4th's Pietertje 44023.
	{	Clothilde Netherland Dartle 53043.	{	Clothilde Netherland J. 20373. Rosa Dartle 2d 5179 H.

Owned by George W. Allen, Sangerfield, N. Y. Bred by I. S. Allen, Hubbardsville, N. Y. Calved March 17, 1900.

Entered on offspring having official records as follows:

- Miss McGinty 3d A. 4064, Vol. XVI, age 1 y. 11 m. 17 d., 9.433 lbs. fat.  
 Bess Boon 4066, Vol. XVI, age 2 y. 2 m. 5 d., 10.529 lbs. fat.  
 Ruth Tekstra 3d 4070, Vol. XVI, age 1 y. 11 m. 11 d., 9.987 lbs. fat.  
 Lady Jane May 4065, Vol. XVI, age 2 y. 4 d., 7.496 lbs. fat.  
 Rooney Belle 2d 4067, Vol. XVI, age 2 y. 1 m. 7 d., 8.535 lbs. fat.

**NO. 337. SIR PIETERTJE LAMB 21391.**

SIR PIETERTJE LAMB 337 A. R.	{	Pietertje Paul 18458.	{	Inka 5th's Pietertje 13853.
				5th Durkje Veeman 938 D. F.
	{	Dieuwke Bergsma 7th 1892 D. F.	{	Mooie Sjoerd 17 A. R.
				Dieuwke Bergsma 5th 622 P. R.

Owned by Lamb Brothers, Hubbardsville, N. Y. Bred by S. Burchard, Hamilton, N. Y. Calved January 23, 1894.

Entered on offspring having official records as follows:

Grindetia 4th 2622, Vol. XIV, age 6 y. 9 m. 18 d., 15.642 lbs. fat; thirty-day record 63.924 lbs. fat.

Altoana Pietertje A. 2682, Vol. XIV, age 5 y. 11 m. 16 d., 15.878 lbs. fat; thirty-day record 63.881 lbs. fat.

Flossy Lamb Pietertje 3850, Vol. XVI, age 7 y. 7 m. 13 d., 12.194 lbs. fat.

Phoebe Veeman 4071, Vol. XVI, age 6 y. 8 m. 22 d., 18.592 lbs. fat; fourteen-day record 35.706 lbs. fat.

**NO. 338. SIR AKKRUM PIETERTJE DE KOL 22519.**

SIR AKKRUM PIETERTJE DE KOL 338 A. R.	{	De Kol 2d's Butter Boy 129 A. R.	{	Sir Abbekerk 19056.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Lady Akkrum's Pietertje 30667.	{	Milla's Pietertje Netherland 83 A. R.
				Lady Akkrum 8153 H.

Owned by Frank Hacker, Howell, Mich. Bred by Henry Stevens & Sons, Lacona, N. Y. Calved December 20 1895.

Entered on offspring having official records as follows:

Boutsje Queen De Kol 3261, Vol. XV, age 5 y. 1 m. 26 d., 13.339 lbs. fat.

Bessie Talmana 3658, Vol. XVI, age 3 y. 10 m. 29 d., 11.823 lbs. fat.

Adelaide Brook De Kol 3809, Vol. XVI, age 5 y. 10 m. 11 d., 16.118 lbs. fat; thirty-day record 65.201 lbs. fat.

Gaza Aconeth Pietertje B. 4112, Vol. XVI, age 2 y. 2 m. 19 d., 9.352 lbs. fat.

Hattie Pietertje De Kol 4359, Vol. XVI, age 4 y. 17 d., 17.522 lbs. fat; fourteen-day record 34.445 lbs. fat; twenty-one day record 51.076 lbs. fat.

**NO. 339. HOMESTEAD HENGERVELD DE KOL PAUL 27941.**

HOMESTEAD HENGERVELD DE KOL PAUL 339 A. R.	Paul De Kol Jr. 24762.	Paul De Kol 346 A. R.
	Inka De Kol Hengerveld 46762.	Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 24 d., 176.420 lbs. fat 60 d.
		Manor De Kol 130 A. R.
		Inka De Kol 1232 A. R. O. In 6 y. 9 m. 13 d., 16.149 lbs. fat.

Owned by M. S. Nye, Preble, N. Y. Bred by W. A. Matteson, Utica, N. Y.  
Calved July 20, 1900.

Entered on offspring having official records as follows:

De Kol Paul Concordia 3321, Vol. XV, age 1 y. 8 m. 17 d., 8.265 lbs. fat. Vol. XVI, age 2 y. 8 m. 19 d., 14.846 lbs. fat; fourteen-day record 28.396 lbs. fat.  
De Kol Paul Sadie Vale 3737, Vol. XVI, age 2 y. 1 m. 6 d., 10.209 lbs. fat.  
Daisy Inka De Kol Vale 4107, Vol. XVI, age 1 y. 11 m. 13 d., 7.493 lbs. fat.  
Onda Dorothy Concordia Paul 4108, Vol. XVI, age 1 y. 8 m. 25 d., 7.323 lbs. fat.

**NO. 340. ARTIS CLOTHILDE PEER 20354.**

ARTIS CLOTHILDE PEER 340 A. R.	Netherland Peeress' Clothilde 10666.	Clothilde 4th's Imperial 42 A. R.
	Sally Artis 6936.	Netherland Peeress 131 A. R. P. In 6 y. 3 m., 13,089 7-16 lbs. milk 10 m.
		Prince of Artis 11 A. R.
		Sally Ursem 9986 H.

Owned by A. Adams, Moravia, N. Y. Bred by W. J. Potter, Glens Falls, N. Y.  
Calved September 21, 1892.

Entered on offspring having official records as follows:

Drosky Artis 1665, Vol. XI, age 3 y. 11 m. 10 d., 11.705 lbs. fat. Vol. XII, age 4 y. 10 m. 27 d., 12.565 lbs. fat. Vol. XIII, age 6 y. 2 m. 29 d., 16.242 lbs. fat; thirty-day record 64.446 lbs. fat.

Ethel Clothilde 1820 Vol. XII, age 6 y. 1 m. 18 d., 12.002 lbs. fat. Vol. XIII, age 7 y. 3 m. 18 d., 14.858 lbs. fat; thirty-day record 58.057 lbs. fat.

Drosky Bess 3069, Vol. XV, age 6 y. 11 m. 29 d., 14.412 lbs. fat.

Drogio Mollie 4109, Vol. XVI, age 4 y. 2 m. 14 d., 13.079 lbs. fat; fourteen-day record 24.541 lbs. fat.

**NO. 341. LORD NETHERLAND DE KOL COUNT 30348.**

LORD NETHERLAND DE KOL COUNT 341 A. R.	Lord Netherland De Kol 245 A. R.	Netherland De Kol's Perfection 223 A. R.
	Countess Pauline Paul 2524 A. R. O. In 6 y. 10 m. 6 d., 27.396 lbs. fat 14 d.	Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.
		Count Paul De Kol 324 A. R.
		Pauline Paul 2d 31477.



Owned by Willard H. Davis, Washington Hollow, N. Y. Bred by E. C. Brill, Poughquag, N. Y. Calved June 30, 1901.

Description: Age, 3 y. 9 m. 1 d.; milk and beef form; head, medium size, slightly dishing; neck, medium length, level, good, stylish carriage, no dewlap; chine, broad, with medial depression, markedly uneven, slightly swayed; loin and hips, very nearly level; rump high, slightly uneven; escutcheon, good size, fine; mammary veins, very good, with chest extension on one side at least; rudimentary teats, four extra large and two small; handling, very good; secretions of skin, fairly abundant; general appearance, fine, vigorous and good style; height, shoulders 63 inches, hips 61.5; length, body 71, rump 23.25; width, hips 23.75, thurl 19.5; girth 92; weight 2,070 lbs.; condition fair, not fat; examiner, J. M. Ham; examined March 31, 1905. •

#### NO. 342. HOMESTEAD JR. DE KOL 28400.

HOMESTEAD JR. DE KOL 342 A. R.	{	Paul De Kol Jr. 346 A. R.	{	Paul De Kol 97 A. R.
				Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 24 d., 176.420 lbs. fat 60 d.
		Homestead Heroine De Kol 3698 A. R. O. In 6 y. 1 m. 24 d., 14.693 lbs. fat.		Pieterdje Hengerveld's Paul De Kol 109 A. R.
				Heroine De Kol 3356 A. R. O. In 7 y. 10 m. 27 d., 62.450 lbs. fat 30 d.

Owned by S. B. Jones & Son, Watertown, Wis. Bred by W. A. Matteson, Utica, N. Y. Calved May 24, 1900.

Entered on offspring having official records as follows:

Oak De Kol 2d 3797, Vol. XVI, age 1 y. 10 m. 20 d., 9.211 lbs. fat.

Jessie Fobes 6th's Homestead 3800, Vol. XVI, age 2 y. 5 m. 4 d., 9.274 lbs. fat.

Pauline Piebe Homestead 3902, Vol. XVI, age 2 y. 18 d., 7.487 lbs. fat.

Pearl Concordia 4139, Vol. XVI, age 1 y. 11 m. 8 d., 9.487 lbs. fat.

Myra Netherland Homestead 4212, Vol. XVI, age 2 y., 7.492 lbs. fat.

Esther Piebe De Kol 2d 4248, Vol. XVI, age 2 y. 5 m. 12 d., 9.225 lbs. fat.

Jessie Fobes Homestead De Kol 4244, Vol. XVI, age 2 y. 8 m. 14 d., 13.153 lbs. fat; fourteen-day record 25.759 lbs. fat.

#### NO. 343. ADMIRAL WALKER 25755.

ADMIRAL WALKER 343 A. R.	{	Capitola Duke 21580.	{	Alph Terpstra 18342.
				Capitola H. 18050.
		Lillian Walker 38944. In 7 y. 6 m. 6 d., 71.615 lbs. fat 30 d.		Pieterdje Waldorf 120 A. R.
				Bessie Welsrijp's Beauty 35159.

Owned and bred by A. A. Hartshorn, Hamilton, N. Y. Calved October 8, 1898.

Entered on offspring having official records as follows:

Lilly Belle Walker 3378, Vol. XV, age 2 y. 2 m. 8 d., 11.240 lbs. fat. Vol. XVI, age 3 y. 2 m. 6 d., 16.802 lbs. fat; fourteen-day record 32.842 lbs. fat; twenty-one-day record 47.681 lbs. fat.

Lillian Walker Pietertje 3772, Vol. XVI, age 2 y. 5 m. 15 d., 12.725 lbs. fat; second record, 13.064 lbs. fat; thirty-day record 53.696 lbs. fat.

May Belle W. 4127, Vol. XVI, age 3 y. 2 m. 14 d., 12.432 lbs. fat.

Mildred Walker 4147, Vol. XVI, age 2 y. 3 m. 14 d., 10.919 lbs. fat; fourteen-day record 20.995 lbs. fat.

#### NO. 344. MECHTHILDE SIR TIRANIA 24637.

MECHTHILDE SIR TIRANIA 344 A. R.	Sir Castine Mechthilde 20246.	Tirania's Sir Mechthilde 16469. Lorea Niko 3d's Castine 21386.
	Princess Artis Mechthilde 31476.	Tirania's Sir Mechthilde 16469. Artis Surprise 3d 11693.

Owned by A. Stauffacher, Monroe, Wis. Bred by M. H. Walker, Green Bay, Wis. Calved December 18, 1895.

Entered on offspring having official records as follows:

Parthenea Tirania Mechthilde 3383, Vol. XV, age 3 y. 6 m. 13.617 lbs. fat.

Tirania Vickery Mechthilde 3469, Vol. XV, age 3 y. 11 m. 11 d., 11.710 lbs. fat. Vol. XVI, age 4 y. 11 m. 5 d., 13.518 lbs. fat; fourteen-day record 26.436 lbs. fat.

Madrigal Mechthilde Tirania 4063, Vol. XVI, age 5 y. 10 m. 6 d., 14.164 lbs. fat; fourteen-day record 27.871 lbs. fat.

Tietje Mercedes Tirania 4168, Vol. XVI, age 5 y. 10 m. 1 d., 13.345 lbs. fat; fourteen-day record 26.148 lbs. fat.

#### NO. 345. ONYX CLOTHILDE 22209.

ONYX CLOTHILDE 345 A. R.	Clothilde Monk 19202.	Netherland Monk 4424 H. Clothilde 4th's Netherland 16528.
	Onyx 2d 19799.	Joe 1002 H. Onyx 1066 H.

Owned by C. C. Baldwin, Canastota, N. Y. Bred by Gerrit S. Miller, Peterboro, N. Y. Calved March 21, 1895.

Entered on offspring having official records as follows:

Acme 2d's Clothilde 2d 1667, Vol. XI, age 2 y. 7 m. 14 d., 9.237 lbs. fat.

Corona Onyx 1953, Vol. XII, age 3 y. 4 d., 10.941 lbs. fat.

Copia 6th's Onyx 2513, Vol. XIV, age 5 y. 2 m. 15 d., 12.723 lbs. fat.

Norma Clothilde Onyx 4163, Vol. XVI, age 6 y. 11 m. 19 d., 12.175 lbs. fat.

**NO. 346. PAUL DE KOL JR. 24762.**

PAUL DE KOL JR. 346 A. R.	{	Paul De Kol 97 A. R.	{	De Kol 2d's Prince 43 A. R.
		Sadie Vale Concordia 1124 A. R. O. In 10 y. 2 m. 24 d., 176.420 lbs. fat 60 d.	{	Pauline Paul 852 A. R. P. In 8 y., 18,669 9-16 lbs. milk 1 y.  Sadie Vale 2d 1054 A. R. P. In 1 y. 10 m. 12 d., 8,529½ lbs. milk 9 m.

Owned by W. A. Matteson, Utica, N. Y. Bred by T. G. Yeomans & Sons, Walworth, N. Y. Calved March 31, 1898.

Entered on offspring having official records as follows:

Homestead Pauline Gem 2723, Vol. XIV, age 1 y. 11 m. 4 d., 7,332 lbs. fat.

Homestead Gem Sadie De Kol 3355, Vol. XV, age 2 y. 7 m. 17 d., 12,352 lbs. fat; fourteen-day record 24,487 lbs. fat. Vol. XVI, age 3 y. 7 m. 19 d., 15,475 lbs. fat; thirty-day record 63,699 lbs. fat.

Aggie Belle De Kol 3722, Vol. XVI, age 3 y. 3 m., 11,181 lbs. fat; fourteen-day record 21,822 lbs. fat.

Aggie Vale 4179, Vol. XVI, age 1 y. 11 m. 23 d., 8,705 lbs. fat.

Inka Vale 4204, Vol. XVI, age 1 y. 8 m. 4 d., 8,455 lbs. fat.

**NO. 347. SETHJE VEEMAN LAMB DE KOL KING 27546.**

SETHJE VEEMAN LAMB DE KOL KING 347 A. R.	{	Lamb De Kol Pietertje 218 A. R.	{	De Kol 2d's Queen's Pietertje 17067. Vleel 2d 857 A. R. P. In 2 y. 2 m., 15 2-3 lbs. butter by churn.
		Sethje Veeman 4th's Pietertje 44023.	{	Sir Pietertje Lamb 337 A. R.  Sethje Veeman 4th 24610.

Owned by Irwin Langworthy, South Edmeston, N. Y. Bred by Lamb Brothers, East Hamilton, N. Y. Calved August 30, 1900.

Entered on offspring having official records as follows:

Mignone Twisk Queen De Kol 4000, Vol. XVI, age 2 y. 3 m. 23 d., 8,778 lbs. fat.

Jacoba Hartog Royal De Kol 4186, Vol. XVI, age 1 y. 10 m. 5 d., 8,894 lbs. fat.

Sijtje Twisk Veeman De Kol 4187 Vol. XVI, age 1 y. 9 m. 14 d., 8,460 lbs. fat; fourteen-day record 16,880 lbs. fat.

Sijtje Twisk Pietertje De Kol 4188, Vol. XVI, age 1 y. 11 m. 17 d., 9,649 lbs. fat; fourteen-day record 18,642 lbs. fat.

**NO. 348. MODEL PRIDE 33736.**

MODEL PRIDE 348 A. R.	{	Copia's Elector 21294.	{	Pledge's Joe 7418. Copia 1067 H.
		Ondine's Model 4th 10584.	{	Joe 1002 H. Ondine's Model 4167 H.

Owned and bred by M. H. Kinsley, Kenwood, N. Y. Calved May 11, 1897.

Entered on offspring having official records as follows:

Kenwood Maid 3523, Vol. XV, age 3 y. 5 m. 8 d., 12.152 lbs. fat.

Ondine Inka Roxieann 3525, Vol. XV, age 3 y. 5 m. 4 d., 9.580 lbs. fat.

Judy Model 3954, Vol. XVI, age 5 y. 1 m. 6 d., 13.301 lbs. fat.

Model Pietertje Inka Kate 4193, Vol. XVI, age 3 y. 11 m. 27 d., 12.581 lbs. fat.

#### NO. 349. ALEXANDER'S DE KOL 21992.

ALEXANDER'S DE KOL 349 A. R.	{	De Kol 2d's Alban 17061.	{	Netherland Alban 4584 H.
		Alexander's Queen 2d 666 A. R. P. In 3 y. 2 m. 26 d., 8,782½ lbs. milk 10 m.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	Sir Henry 2d of Aaggie 5 A. R.
			{	Alexander's Queen 6998 H.

Owned by C. Pratt, Syracuse, N. Y. Bred by J. B. Dutcher & Son, Pawling, N. Y. Calved August 24, 1894.

Entered on offspring having official records as follows:

Princess Carlotta 2390, Vol. XIII, age 2 y. 8 m. 22 d., 11.453 lbs. fat.

Maplecroft De Kol Princess 2794, Vol. XIV, age 2 y. 6 m. 1 d., 8.122 lbs. fat. Vol. XVI, age 4 y. 5 m. 25 d., 12.728 lbs. fat.

State Bells De Kol 4041, Vol. XVI, age 5 y. 10 m. 26 d., 14.341 lbs. fat.

De Kol Madura Clothilde 4189, Vol. XVI, age 4 y. 5 m. 3 d., 14.480 lbs. fat; fourteen-day record 28.698 lbs. fat; twenty-one day record 40.966 lbs. fat.

#### NO. 350. KATY SPOFFORD CORONA'S SON 29521.

KATY SPOFFORD COR- ONA'S SON 350 A. R.	{	Homestead Hengerveld Crown De Kol 26345.	{	De Kol 2d's Butter Boy 3d 147 A. R.
		Katy Spofford Corona 1738 A. R. O. In 3 y. 1 m. 6 d., 20.822 lbs. fat.		Inka De Kol Hengerveld 46762.
			{	Corona's Duke 2d 392 W.
			{	Katy Spofford 2d 16094.

Owned and bred by E. H. Knapp, Fabius, N. Y. Calved May 3, 1901.

Entered on offspring having official records as follows:

De Kol Burke Spofford 4197, Vol. XVI, age 1 y. 10 m. 25 d., 8.367 lbs. fat.

Molly Spofford 4199, Vol. XVI, age 2 y. 14 d., 9.143 lbs. fat.

Calamity Spofford 4198, Vol. XVI, age 2 y. 1 m. 6 d., 9.699 lbs. fat.

Calamity Spofford De Kol 4200, Vol. XVI, age 1 y. 9 m. 7 d., 8.654 lbs. fat.

Pledge Spofford 4196, Vol. XVI, age 2 y. 1 m. 12 d., 11.627 lbs. fat.

Nellie Spofford Corona 4272, Vol. XVI, age 2 y. 2 m. 7 d., 8.795 lbs. fat.

Veeman Koningen Spofford 4270, Vol. XVI, age 1 y. 11 m. 18 d., 9.300 lbs. fat.

Lady May Spofford 4269, Vol. XVI, age 1 y. 11 m. 27 d., 8.170 lbs. fat.

**NO. 351. WHITE ONDINUS SHEPARD 19929.**

WHITE ONDINUS SHEP- ARD 351 A. R.	{	Nitalia's Ondinus 6910.	{	Ondinus of Peterboro 3059 H.
				Nitalia 7028 H.
	{	Lady Shepard 1586 H.	{	Lord Clifden 572 H.
				Cathrena 105 H.

Owned by Estate of William Rankin, Brockton, Mass. Bred by William A. Russell, Lawrence, Mass. Calved August 14, 1891.

Entered on offspring having official records as follows:

Butter Belle Pride 3776, Vol. XVI, age 6 y. 14 d., 13.505 lbs. fat.

Thelma Lady Shepard 4018, Vol. XVI, age 4 y. 5 m. 2 d., 13.292 lbs. fat.

Barna Alice Daisy 4206, Vol. XVI, age 4 y. 6 m. 9 d., 14.701 lbs. fat.

Buttercup Ondinus 4220, Vol. XVI, age 7 y. 7 m. 20 d., 14.930 lbs. fat.

Jennie Tolsma's Ondinus 4221, Vol. XVI, age 9 y. 12 d., 17.824 lbs. fat.

**NO. 352. ANT POEL'S PRINCE OF WALES 17483.**

ANT POEL'S PRINCE OF WALES 352 A. R.	{	Coyote Prince 9503.	{	Romley 3249 H.
				Fansje 2d 9052.
	{	Ant Poel 912 A. R. P. In 6 y. 2 m. 21 d., 14 lbs. butter by churn.	{	

Owned by R. M. Hotaling, San Francisco, Cal. Bred by George B. Polhemus, Coyote, Cal. Calved July 17, 1890.

Entered on offspring having official records as follows:

Nadjeddas Nadgy 3340, Vol. XV, age 8 y. 9 m. 5 d., 13.845 lbs. fat; second record, 13.871 lbs. fat; thirty-day record, 56.628 lbs. fat. Vol. XVI, age 9 y. 9 m. 13 d., 14.200 lbs. fat.

Prune Blossom 3434, Vol. XV, age 4 y. 9 m. 11 d., 15.106 lbs. fat. Vol. XVI, age 5 y. 8 m. 29 d., 15.987 lbs. fat.

Helena Petrovna Modjeska 3572, Vol. XVI, 4 y. 11 m. 23 d., 14.770 lbs. fat; thirty-day record 60.291 lbs. fat.

Pauline Pry of Sleepy Hollow 4219, Vol. XVI, age 8 y. 4 m. 23 d., 14.712 lbs. fat.

**NO. 353. CALAMITY JANE'S PAUL A. 26250.**

CALAMITY JANE'S PAUL A. 353 A. R.	{	Calamity Jane's Paul 146 A. R.	{	Sir Paul De Kol Clothilde 174 A. R.
				Calamity Jane 1811 A. R. O. In 7 y. 10 m. 11 d., 20.041 lbs. fat.
	{	Pauline Fairmount 1408 A. R. O. In 2 y. 1 m., 8.316 lbs. fat.	{	Siepkje 3d's Mink's Mercedes Baron 16041.
				Tolena Fairmount 3d 35886.



Owned by F. E. Eager, Howell, Mich. Bred by A. & G. Rice, Curries Crossing, Ont. Calved November 2, 1899.

Entered on offspring having official records as follows:

Pontiac Ykema 3667, Vol. XVI, age 2 y. 3 m. 20 d., 7.794 lbs. fat; same Vol., age 3 y. 2 m. 18 d., 13.365 lbs. fat.

Canary Calamity Queen 3893, Vol. XVI, age 2 y. 1 m. 14 d., 7.710 lbs. fat.

Calamity Mercedes Pauline De Kol 4232, Vol. XVI, age 2 y. 11 m. 13 d., 11.254 lbs. fat.

Calamity Pauline Paul 4233, Vol. XVI, age 2 y. 11 m. 13 d., 10.296 lbs. fat.

#### NO. 354. SIR COUNT ARTHUR 36531.

SIR COUNT ARTHUR 354 A. R.	{	Count Paul De Kol 324 A. R.	{ Paul De Kol 97 A. R. De Kol 2d's Queen 662 A. R. P. In 1 y. 10 m. 24 d., 9,750 3-16 lbs. milk 10 m.
		Dreda Colantha 31887.	{ Colantha's 2d Sir Henry 10497. Dreda 2d 4599.

Owned by J. N. Conyngham, Wilkes-Barre, Pa. Bred by D' F. Wilber, Oneonta, N. Y.

Entered on offspring having official records as follows:

Hillside Lita 4312, Vol. XVI, age 8 y. 10 m. 24 d., 19.807 lbs. fat.

Hillside Alma 4311, Vol. XVI, age 7 y. 7 m. 1 d., 15.123 lbs. fat.

Hillside Minerva 4310, Vol. XVI, age 5 y. 9 m. 22 d., 14.906 lbs. fat.

Hillside Mary 4309, Vol. XVI, age 8 y. 8 m. 17 d., 14.841 lbs. fat.

Hillside Alexander 4306, Vol. XVI, age 6 y. 9 m. 28 d., 13.825 lbs. fat.

Hillside Mabel 4305, Vol. XVI, age 5 y. 11 m. 14 d., 13.095 lbs. fat.

Hillside Rebecca 4304, Vol. XVI, age 4 y. 9 m. 10 d., 14.961 lbs. fat.

#### NO. 355. WOODLAND LASS DE KOL'S KING 26815.

WOODLAND LASS DE KOL'S KING 355 A. R.	{	De Kol 2d's Butter Boy 3d 147 A. R.	{ Manor De Kol 130 A. R. De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Woodland Lass De Kol 43813.	{ De Kol Artis 189 A. R. Woodland Lass 25681.

Owned by Lamb Brothers, Hubbardsville, N. Y. Bred by U. S. Porter, Lacona, N. Y. Calved February 10, 1900.

Entered on offspring having official records as follows:

May Lamb Pietertje De Kol 2d 3555, Vol. XV, age 2 y. 6 m. 10 d., 8.082 lbs. fat.

Larky De Kol 2d 3591, Vol. XVI, age 2 y. 2 m. 1 d., 10.254 lbs. fat.

Veeman Boon De Kol 4061, Vol. XVI, age 2 y. 9 m. 5 d., 11.873 lbs. fat; thirty-day record 41.992 lbs. fat.

Altoana Eva De Kol 4273, Vol. XVI, age 2 y. 10 m. 19 d., 11.323 lbs. fat.

**NO. 356. EMERALD HENGERVERELD DE KOL 22785.**

EMERALD HENGERVERELD DE KOL 356 A. R.	{	De Kol 2d's Butter Boy 129 A. R.	{	Sir Abbekerk 19056.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.	{	Milla's Pietertje Netherland 83 A. R.
			{	Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.

Owned by J. Garlock & Son, Adams, N. Y. Bred by Henry Stevens & Sons,  
Lacona, N. Y. Calved May 15, 1896.

Entered on offspring having official records as follows:

Hengerveld De Kol Beets 2586, Vol. XIV, age 4 y. 3 m. 4 d., 13.671 lbs. fat.

Adaline Dinola Hengerveld De Kol 2929, Vol. XV, age 3 y. 3 m. 7 d., 10.776  
lbs. fat.

Azubah 2d's De Kol 2d 3316, Vol. XV, age 3 y. 2 m. 12 d., 11.456 lbs. fat.

Hengerveld Duchess De Kol 4246, Vol. XVI, age 5 y. 3 m. 4 d., 16.284 lbs. fat.

**NO. 357. ADMIRAL PAUL DE KOL 24702.**

ADMIRAL PAUL DE KOL 357 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.	{	Paul De Kol 97 A. R.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Aaggie Cornucopia 2d 1173 A. R. O. In 6 y. 2 m. 18 d., 15.830 lbs. fat.	{	Aaggie Prince of Wayne 8781.
			{	Aaggie Cornucopia 1179 A. R. P. In 6 y., 21 lbs. 7.4 oz. butter by churn.

Owned by M. D. Eckler, Cooperstown, N. Y. Bred by George B. Dalrymple,  
Brooklyn, N. Y. Calved March 26, 1898.

Entered on offspring having official records as follows:

Gypsy Queen Pauline De Kol 2824, Vol. XIV, age 2 y. 9 m. 14 d., 10.400  
lbs. fat.

Maple Grove Belle De Kol 3477, Vol. XV, age 3 y. 11 m. 14 d., 10.473 lbs. fat.

Cora M. De Kol 3760, Vol. XVI, age 3 y. 1 m. 23 d., 10.443 lbs. fat.

Fleta May De Kol 4335, Vol. XVI, age 5 y. 23 d., 12.869 lbs. fat.

Mercedes Queen De Kol 4334, Vol. XVI, age 5 y. 17 d., 14.354 lbs. fat.

**NO. 358. GOLD BOY PIETERTJE 23027.**

GOLD BOY PIETERTJE 358 A. R.	{	Gold Gem Pietertje 21229.	{	Pietertje Hartog 137 A. R.
			{	Alma Kuperus 3d 13053.
	{	Kate H. 5393.	{	Hamilton 24 A. R.
			{	Second Lady Heegstra 1102 D. F.

Owned and bred by O. R. Cole, Solsville, N. Y. Calved March 16, 1896.

Entered on offspring having official records as follows:

Nellie Pietertje Hartog 3020, Vol. XV, age 4 y. 7 m. 5 d., 14.958 lbs. fat.  
Vol. XVI, age 6 y. 25 d., 15.650 lbs. fat.

Mary R. Pietertje 3538, Vol. XV, age 5 y. 6 m. 10 d., 19.866 lbs. fat; thirty-day record, 82.771 lbs. fat.

Ruth Pietertje R. 4361, Vol. XVI, age 6 y. 3 m. 13 d., 16.235 lbs. fat.

Clara Pietertje M. 4354, Vol. XVI, age 6 y. 3 m. 2 d., 16.018 lbs. fat.

#### AAGGIE GRACE SIR DE KOL 199 A. R. 24880.

AAGGIE GRACE SIR DE KOL 199 A. R.	Manor De Kol 130 A. R.	{ De Kol 2d's Netherland 118 A. R. { Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.
	Aaggie Grace 2d's Pietertje 1232 A. R. O. In 6 y. 2 m. 23 d., 18.811 lbs. fat.	{ Inka Princess Pietertje Netherland 95 A. R. { Aaggie Grace 2d 280 A. R. P. In 1 y. 11 m. 14 d., 397½ lbs. milk 10 d.

[Second Re-entry on offspring having Official Records. For previous records see Vol. XIII, page 287, Vol. XV, page 458.]

Aaggie Grace Belle 4316, Vol. XVI, age 3 y. 11 m. 18 d., 13.389 lbs. fat.

Manor Farm Star Josephine 4254, Vol. XVI, age 2 y. 1 m. 10 d., 9.074 lbs. fat.

Manor Rosalind 2392, Vol. XVI, age 4 y. 10 m. 11 d., 16.005 lbs. fat.

Manor De Kol Esther 2802, Vol. XVI, age 3 y. 11 m. 5 d., 14.898 lbs. fat.

Aaggie Grace Manor Queen 4134, Vol. XVI, age 2 y. 1 m. 14 d., 11.701 lbs. fat.

Aaggie Grace Manor Josephine 2876, Vol. XVI, age 3 y. 10 m. 14 d., 13.544 lbs. fat.

Aaggie Grace Kekke 4329, Vol. XVI, age 1 y. 9 m. 25 d., 9.399 lbs. fat.

Coral De Kol Pet Marjorie 4317, Vol. XVI, age 2 y. 10 m. 23 d., 10.386 lbs. fat.

Barbara Lady 2396, Vol. XVI, age 4 y. 9 m. 24 d., 14.600 lbs. fat; fourteen-day record 28.490 lbs. fat.

To close of this volume 23 cows with 33 seven-day records, 1 fourteen-day record and 1 thirty-day record.

#### ADMIRAL DE KOL 216 A. R. 22152.

ADMIRAL DE KOL 216 A. R.	De Kol 2d's Alban 114 A. R.	{ Netherland Alban 34 A. R. { De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	Meadow Lily 5th's De Kol 30167.	{ De Kol 2d's Netherland 118 A. R. { Meadow Lily 5th 665 A. R. P. In 3 y. 3 m. 9 d., 9.017 7-16 lbs. milk 10 m.

[Re-entry on offspring having Official Records. For previous records see Vol. XIV, page 280.]

Riverview Glitka 3439, Vol. XV, age 5 y. 15 d., 12.887 lbs. fat. Vol. XVI, age 6 y. 12 d., 15.699 lbs. fat; fourteen-day record 28.531 lbs. fat.

Lady Postma 2d A. 3743, Vol. XVI, age 4 y. 5 m. 29 d., 11.751 lbs. fat.

Rowena Maid 2d's C. 4355, Vol. XVI, age 5 y. 2 m. 13 d., 15.021 lbs. fat.

Riverview Colie 4328, Vol. XVI, age 6 y. 12 d., 16.929 lbs. fat.

Atla 3d 2721, Vol. XVI, age 6 y. 4 m. 26 d., 16.721 lbs. fat.

Rowena Maid 2d's B. 2772, Vol. XV, age 4 y. 11 m. 29 d., 20.495 lbs. fat.

To close of this volume 11 cows with 15 seven-day records, 1 fourteen-day record and 2 thirty-day records.

### CANARY'S MERCEDES' ROYAL CLIMAX 200 A. R. 22001.

CANARY'S MERCEDES' ROYAL CLIMAX 200 A. R.	{	Netherland Helmer 11278.	{	Netherland Queen 5th's Sir Aggie 990.
				Bona 7774 H.
	{	Canary's Mercedes 1109 A. R. O. In 6 y. 8 m. 14 d., 20.129 lbs. fat.	{	Antje Vriend's Mercedes Prince 88 A. R.
				Canary 4284 H.

[Re-entry on offspring having Official Records. For previous records see Vol. XIII, page 288.]

Huntress Orphan Queen 2423, Vol. XIV, age 3 y. 5 m. 4 d., 9.174 lbs. fat.

Days Blue Bell 3342, Vol. XV, age 5 y. 6 m. 6 d., 13.133 lbs. fat.

Huldah G. 3869, Vol. XVI, age 6 y. 8 m. 22 d., 14.609 lbs. fat; fourteen-day record, 27.907 lbs. fat.

Bewunde Butter Queen 3868, Vol. XVI, age 6 y. 4 d., 12.140 lbs. fat.

To close of this volume 8 cows with 9 seven-day records and 1 fourteen-day record.

### CLOTHILDE NETHERLAND PASHA 211 A. R. 22118.

CLOTHILDE NETHER- LAND PASHA 211 A. R.	{	Pasha Clothilde 20513.	{	Netherland Statesman 38 A. R.
				Clothilde 3d's Clothilde 17955.
	{	Clothilde Netherland 17957.	{	Netherland Prince 8 A. R.
				Clothilde 2d 156 A. R. P. In 4 y. 8 m. 6 d., 23,602½ lbs. milk 1 y.

[Re-entry on offspring having Official Records. For previous records see Vol. XIV, page 277.]

Dulcina 2d's Clothilde 3157, Vol. XV, age 4 y. 1 m. 13 d., 15.162 lbs. fat.

Pana 3d 3158, Vol. XV, age 3 y. 8 m. 18 d., 14.403 lbs. fat.

Kate Spray 3d 3306, Vol. XV, age 3 y. 6 m. 19 d., 12.624 lbs. fat.

Little Fay 4087, Vol. XVI, age 3 y. 10 m. 12 d., 12.955 lbs. fat.

To close of this volume 14 cows with 16 seven-day records.

**DE KOL ACMA 203 A. R. 25184.**

DE KOL ACMA 203 A. R.	{	De Kol Burke 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
			{	Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
	{	Lady Longfield 3d 1383 A. R. O. In 3 y. 11 m. 20 d., 16.897 lbs. fat.	{	Aaltje Salo 3d's Tritomia Netherland 121 A. R.
			{	Lady Longfield 1683 A. R. O. In 8 y. 10 m. 29 d., 16.910 lbs. fat.

[Re-entry on offspring having Official Records. For description see Vol. XIV, page 273.]

Boon Aaltje Salo Longfield 2426, Vol. XIV, age 1 y. 11 m. 12 d., 8.773 lbs. fat.

Walworth Queen 3066, Vol. XV, age 1 y. 6 m. 5 d., 7.713 lbs. fat.

Miss Longfield 3111, Vol. XV, age 3 y. 18 d., 10.831 lbs. fat.

De Kol Mechthilde Longfield 3849, Vol. XVI, age 4 y. 7 m. 6 d., 20.154 lbs. fat.

To close of this volume 4 cows with 4 seven-day records.

**DE KOL BURKE 162 A. R. 22991.**

DE KOL BURKE 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R.	{	Sir Abbekerk 19056.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.	{	Lord Burke 11731.
			{	Sicha 733.

[Third Re-entry on offspring having Official Records. For previous records see Vol. XII, page 22, Vol. XIII, page 293, Vol. XIV, page 302.]

Oak De Kol 3043, Vol. XV, age 4 y. 7 m. 21 d., 15.290 lbs. fat.

Gracia Ward 2d 3062, Vol. XV, age 2 y. 6 m. 26 d., 13.106 lbs. fat. Vol. XVI, age 3 y. 9 m. 8 d., 18.431 lbs. fat; thirty-day record, 75.401 lbs. fat.

Jessie Fobes 4th's Butter Diploma 3065, Vol. XV, age 3 y. 9 m. 12 d., 13.420 lbs. fat.

Jessie Fobes 6th's Violet 2464, Vol. XV, age 4 y. 10 m. 28 d., 13.580 lbs. fat.

Jessie Fobes Helena 3611, Vol. XVI, age 2 y. 3 m., 10.094 lbs. fat; second record, same Vol., age 3 y. 1 m. 20 d., 12.553 lbs. fat.

Minnie Sandes 2d 3611, Vol. XVI, age 6 y. 2 m. 3 d., 15.517 lbs. fat; fourteen-day record 29.671 lbs. fat.

Grace Fayne 2d's Girl 3801, Vol. XVI, age 3 y. 7 m. 10 d., 12.372 lbs. fat.

America Jewel 2325, Vol. XVI, age 5 y. 3 m. 21 d., 13.652 lbs. fat.

A. & G. De Kol Burke Cornelia 3999, Vol. XVI, age 2 y. 6 m. 17 d., 11.774 lbs. fat; fourteen-day record 23.342 lbs. fat.

Lady Fern Burke 4025, Vol. XVI, age 5 y. 9 m. 19 d., 14.519 lbs. fat.

Little Goldie 3d 4137, Vol. XVI, age 6 y. 29 d., 13.468 lbs. fat.

Ruby De Kol Burke 4214, Vol. XVI, age 2 y. 6 m. 10 d., 16.101 lbs. fat; thirty-day record, 63.344 lbs. fat.



Jessie Fobes 5th's Helena Burke 4211, Vol. XVI, age 4 y. 5 m. 13 d., 13.443 lbs. fat.

Topsy De Kol Burke 4358, Vol. XVI, age 2 y. 1 m. 7 d., 12.476 lbs. fat.

Glen Rose De Kol 1909, Vol. XVI, age 6 y. 9 m. 12 d., 19.326 lbs. fat; thirty-day record, 74.987 lbs. fat.

A. & G. Burke Segis Inka 4290, Vol. XVI, age 1 y. 10 m. 21 d., 10.284 lbs. fat; thirty-day record, 42.143 lbs. fat.

To close of this volume 27 cows with 45 seven-day records, 2 fourteen-day records and 5 thirty-day records.

#### DE KOL 2D'S BUTTER BOY 3D 147 A. R. 23260.

DE KOL 2d's BUTTER BOY 3d 147 A. R.	{	Manor De Kol 130 A. R.	{	De Kol 2d's Netherland 118 A. R.
		.		Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.
		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.	{	De Kol 6245 H.

[Fourth Re-entry on offspring having Official Records. For previous records see Vol. XI, page 32, Vol. XIII, page 292, Vol. XIV, page 302, Vol. XV, page 462.]

Segis Pietertje De Kol 3d 3844, Vol. XVI, age 2 y. 7 m. 1 d., 11.753 lbs. fat.

Wilhelma Butter Girl 3011, Vol. XVI, age 3 y. 8 m. 16 d., 12.440 lbs. fat.

Belle Korndyke's Daughter 3054, Vol. XVI, age 4 y. 9 m. 23 d., 15.548 lbs. fat.

Dora De Kol Hengerveld 2334, Vol. XVI, age 4 y. 9 m. 24 d., 16.452 lbs. fat; fourteen-day record, 32.195 lbs. fat.

Helena Burke Butter Cup 2998, Vol. XVI, age 4 y. 20 d., 12.817 lbs. fat.

Aaggie Lily's Pietertje Netherland 2d 3765, Vol. XVI, age 2 y. 3 m. 14 d., 8.739 lbs. fat.

Grace Pietertje Pauline De Kol 3d 3721, Vol. XVI, age 2 y. 2 m. 7 d., 11.516 lbs. fat; fourteen-day record, 22.480 lbs. fat.

De Vries De Kol Hengerveld 3707, Vol. XVI, age 2 y. 1 m. 5 d., 10.090 lbs. fat; twenty-one day record, 28.281 lbs. fat.

Butter Girl Pietertje 3933, Vol. XVI, age 2 y. 8 m. 24 d., 8.700 lbs. fat.

Norina Pauline Hengerveld De Kol 4042, Vol. XVI, age 3 y. 11m. 18 d., 16.369 lbs. fat; fourteen-day record, 32.239 lbs. fat.

De Kol Hengerveld Belle 1975, Vol. XVI, age 6 y. 7 d., 20.404 lbs. fat; fourteen-day record 38.459 lbs. fat.

Duchess Piebe De Kol 2353, Vol. XVI, age 5 y. 3 m. 18 d., 18.668 lbs. fat; thirty-day record, 74.493 lbs. fat; sixty-day record, 140.597 lbs. fat.

A. L. P. N. De Kol 2d 4173, Vol. XVI, age 4 y. 8 m. 16 d., 13.124 lbs. fat; thirty-day record 51.951 lbs. fat.

Molly Wood 2d's De Kol 2d 2333, Vol. XVI, age 5 y. 1 d., 17.112 lbs. fat; thirty-day record 70.102 lbs. fat.

De Kol Grace Clothilde 2d 2792, Vol. XVI, age 6 y. 23 d., 17.291 lbs. fat.

Aaggie Grace Clothilde 2d 3197, Vol. XVI, age 4 y. 3 m., 15.342 lbs. fat; thirty-day record 63.082 lbs. fat.

To close of this volume 37 cows with 54 seven-day records, 8 fourteen-day records, 2 twenty-one-day records, 7 thirty-day records and 1 sixty-day record.

**HENGERVELD DE KOL 136 A. R. 23102.**

HENGERVELD DE KOL 136 A. R.	{	De Kol 2d's Butter Boy 129 A. R.	{	Sir Abbekerk 19056.
				De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Magadora 1182 A. R. O. In 5 y. 1 m. 20 d., 12.605 lbs. fat.		Milla's Pietertje Netherland 83 A. R.
				Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.

[Third Re-entry on offspring having Official Records. For previous records see Vol. XI, page 27, Vol. XIV, page 306, Vol. XV, page 463.]

Pontiac Polyxo 3624, Vol. XVI, age 2 y. 3 m. 19 d., 11.949 lbs. fat.

Pontiac Dione 3648, Vol. XI, age 2 y. 3 m. 24 d., 10.735 lbs. fat; fourteen-day record 20.910 lbs. fat.

Pontiac Ambrosia 3666, Vol. XVI, age 2 y. 5 m. 9 d., 9.590 lbs. fat; same Vol., age 3 y. 3 m. 4 d., 19.972 lbs. fat; thirty-day record 77.026 lbs. fat.

Pontiac Lunde Hengerveld 3668, Vol. XVI, age 4 y. 1 m. 14 d., 12.320 lbs. fat; same Vol., age 5 y. 4 d., 22.730 lbs. fat; thirty-day record 91.857 lbs. fat.

Pontiac Terpsichore 3750, Vol. XVI, age 3 y. 10 m. 13 d., 10.515 lbs. fat.

Pontiac Celeste 3752, Vol. XVI, age 4 y. 1 m. 13 d., 11.011 lbs. fat.

Pontiac Akksum 3751, Vol. XVI, age 4 y. 29 d., 11.263 lbs. fat.

Pontiac Hesseltje Hengerveld 2994, Vol. XVI, age 4 y. 3 m. 9 d., 13.615 lbs. fat.

Pontiac Urania 2882, Vol. XVI, age 3 y. 5 m. 15 d., 10.548 lbs. fat.

Pontiac Grilla 3789, Vol. XVI, age 3 y. 1 m. 16 d., 11.999 lbs. fat.

Pontiac Maia 3858, Vol. XVI, age 2 y. 1 m. 25 d., 8.848 lbs. fat.

Pontiac Order 3060, Vol. XVI, age 4 y. 4 m. 15 d., 15.836 lbs. fat.

Pontiac Artis 3865, Vol. XVI, age 2 y. 3 m. 20 d., 14.412 lbs. fat; thirty-day record 59.807 lbs. fat.

Pontiac Tirania 3896, Vol. XVI, age 3 y. 3 m. 19 d., 11.694 lbs. fat; fourteen-day record 23.111 lbs. fat.

Pontiac Columbo 3903, Vol. XVI, age 2 y. 5 m. 9 d., 15.567 lbs. fat; thirty-day record 61.088 lbs. fat.

Pontiac Triumph 3963, Vol. XVI, age 5 y. 2 m. 23 d., 15.809 lbs. fat.

Pontiac Erato 2996, Vol. XVI, age 4 y. 3 m. 6 d., 11.182 lbs. fat.

Pontiac Peace 3105, Vol. XVI, age 4 y. 6 m. 27 d., 15.143 lbs. fat.

Pontiac Justice 3106, Vol. XVI, age 4 y. 6 m. 24 d., 14.736 lbs. fat.

Pontiac Inka 4040, Vol. XVI, age 2 y. 5 m. 22 d., 9.637 lbs. fat.

Pontiac Echo De Kol 4077, Vol. XVI, age 1 y. 11 m. 16 d., 11.671 lbs. fat.

Pontiac Pietertje 4185, Vol. XVI, age 3 y. 7 m. 13 d., 11.278 lbs. fat.

Pontiac Coronis 4181, Vol. XVI, age 3 y. 3 m. 10 d., 10.461 lbs. fat.

Pontiac Asteria 3107, Vol. XVI, age 3 y. 8 m. 16 d., 10.958 lbs. fat.

Pontiac Clothilde 3541, Vol. XVI, age 3 y. 6 m. 5 d., 17.945 lbs. fat; fourteen-day record 34.524 lbs. fat.

Pontiac Clothilde De Kol 2064, Vol. XVI, age 6 y. 1 m. 3 d., 18.489 lbs. fat; thirty-day record 72.455 lbs. fat.

Pontiac Mabel 3540, Vol. XVI, age 3 y. 9 m. 16 d., 12.660 lbs. fat; fourteen-day record 24.998 lbs. fat.

Pontiac Magadora 3532, Vol. XVI, age 3 y. 8 m. 19 d., 12.110 lbs. fat.

To close of this volume 46 cows with 65 seven-day records, 6 fourteen-day records, 2 twenty-one-day records and 8 thirty-day records.

**JOHANNA RUE 3D'S LAD 280 A. R. 26939.**

JOHANNA RUE 3d's LAD 280 A. R.	{	Sarcastic Lad 194 A. R.	{	Maurice Bonheur 22394.
			{	Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
	{	Johanna Rue 3d 1337 A. R. O. In 5 y. 6 m. 21 d., 19.392 lbs. fat.	{	Paul Mutual De Kol 18726.
			{	Johanna Rue 1205 A. R. O. In 6 y. 6 m. 17 d., 16.967 lbs. fat.

[Re-entry on offspring having Official Records. For previous records see Vol. XV, page 449.]

Susie Countess Johanna 3806, Vol. XVI, age 2 y. 21 d., 10.187 lbs. fat.

Belle Netherland Johanna 3803, Vol. XVI, age 1 y. 11 m. 27 d., 9.504 lbs. fat.

Johanna Albina De Kol 3804, Vol. XVI, age 1 y. 10 m. 16 d., 8.254 lbs. fat.

A. & G. Rhoda De Kol Colantha 3822, Vol. XVI, age 2 y. 4 m. 8 d., 9.179 lbs. fat.

Aaggie Johanna Artis 3941, Vol. XVI, age 1 y. 11 m. 19 d., 10.779 lbs. fat.

Princess Johanna Rue 4078, Vol. XVI, age 2 y. 7 m. 10 d., 12.365 lbs. fat; thirty-day record 51.330 lbs. fat.

Ondine Rue 4079, Vol. XVI, age 1 y. 10 m. 1 d., 8.905 lbs. fat.

Belle Model Johanna 3311, Vol. XVI, age 2 y. 11 m. 28 d., 14.042 lbs. fat; fourteen-day record 26.813 lbs. fat.

To close of this volume 11 cows with 12 seven-day records, 1 fourteen-day record and 1 thirty-day record.

**KORNDYKE QUEEN DE KOL'S PRINCE 255 A. R. 26025.**

KORNDYKE QUEEN DE KOL'S PRINCE 255 A. R.	{	Lorraine Prince 23109.	{	Manor De Kol 130 A. R.
			{	Manor Kekke 14057.
	{	Korndyke Queen De Kol 1549 A. R. O. In 9 y. 4 m. 3 d., 78.681 lbs. fat 30 d.	{	Manor De Kol 130 A. R.
			{	Belle Korndyke 1449 A. R. O. In 10 y. 9 m. 13 d., 20.615 lbs. fat.

[Re-entry on offspring having Official Records. For previous records see Vol. XV, page 438.]

Segis De Kol Korndyke Queen 3584, Vol. XVI, age 3 y. 1 m. 7 d., 15.234 lbs. fat.

Lily Netherland De Kol 2d 3588, Vol. XVI, age 2 y. 4 m. 25 d., 12.282 lbs. fat.

Tehee Artis De Kol Clothilde 3082, Vol. XVI, age 3 y. 2 m. 15 d., 9.279 lbs. fat.

Small Hopes De Kol Korndyke 4023, Vol. XVI, age 3 y. 5 m. 29 d., 9.696 lbs. fat.

Janek Albina De Kol 3d 4339, Vol. XVI, age 2 y. 7 d., 12.305 lbs. fat.

Jessie Korndyke De Kol 4338, Vol. XVI, age 2 y. 29 d., 9.612 lbs. fat.

Valley Farm Pauline Korndyke 4337, Vol. XVI, age 2 y. 18 d., 9.779 lbs. fat.

To close of this volume 13 cows with 14 seven-day records.

**LORD NETHERLAND DE KOL 245 A. R. 22187.**

LORD NETHERLAND DE KOL 245 A. R.	{	Netherland De Kol's Perfection 223 A. R.	{	Pietertje 2d's Koningen 93 A. R.
		Susie De Kol 1325 A. R. O. In 8 y. 10 m. 7 d., 20.245 lbs. fat.		Netherland De Kol 1006 A. R. P. In 2 y. 5 m. 21 d., 82 15-32 lbs. butter by churn 80 d.
				De Kol 2d's Netherland 118 A. R.
				Daisy De Kol 1003 A. R. P. In 2 y. 7 m. 20 d., 17 17-32 lbs. butter by churn.

[Re-entry on offspring having Official Records. For previous records see Vol. XV, page 433.]

Pauline De Kol Queen 3633, Vol. XVI, age 2 y. 2 m. 5 d., 8.118 lbs. fat.

Viola De Kol Mechthilde 3647, Vol. XVI, age 2 y. 3 d., 11.809 lbs. fat; twenty-one-day record 33.734 lbs. fat.

Queen Signet De Kol 2d 3693, Vol. XVI, age 3 y. 10 m. 8 d., 10.786 lbs. fat.

Dora Clothilde De Kol 3883, Vol. XVI, age 4 y. 5 m. 28 d., 12.831 lbs. fat.

Fransje Mercedes De Kol 3888, Vol. XVI, age 3 y. 2 m. 10 d., 11.855 lbs. fat.

Etta Pauline De Kol 3958, Vol. XVI, age 2 y. 6 m. 6 d., 9.265 lbs. fat.

Nona De Kol 4030, Vol. XVI, age 5 y. 5 m. 16 d., 12.871 lbs. fat; fourteen-day record 25.157 lbs. fat.

Royal Queen De Kol 4038, Vol. XVI, age 4 y. 3 m. 7 d., 10.873 lbs. fat; fourteen-day record 21.176 lbs. fat.

Christmas Queen De Kol 4036, Vol. XVI, age 3 y. 11 m. 28 d., 13.041 lbs. fat.

Favorite Pauline De Kol 4035, Vol. XVI, age 3 y. 11 m. 16 d., 13.927 lbs. fat; twenty-one day record 39.813 lbs. fat.

Pauline Fancy De Kol 4037, Vol. XVI, age 4 y. 8 m. 8 d., 13.529 lbs. fat; fourteen-day record 26.111 lbs. fat.

Minnie Jewel De Kol 4099, Vol. XVI, age 2 y. 7 m. 18 d., 10.798 lbs. fat.

Pauline Doris De Kol 4098, Vol. XVI, age 2 y. 7 m. 20 d., 10.840 lbs. fat.

Brimsma De Kol Pauline 4136, Vol. XVI, age 2 y. 2 m. 3 d., 8.030 lbs. fat; fourteen-day record 15.568 lbs. fat.

Lady Milly Mechthilde De Kol 4151, Vol. XVI, age 3 y. 10 m. 21 d., 13.802 lbs. fat.

Princess Jamaica De Kol 4236, Vol. XVI, age 3 y. 21 d., 11.657 lbs. fat.

Pauline De Kol Queen 3633, Vol. XVI, age 3 y. 2 m. 15 d., 10.603 lbs. fat.

Crissie Coto De Kol 4281, Vol. XVI, age 3 y. 4 m. 23 d., 10.348 lbs. fat.

Annie De Kol 4280, Vol. XVI, age 5 y. 5 m. 1 d., 12.636 lbs. fat.

To close of this volume 28 cows with 30 seven-day records, 4 fourteen-day records and 3 twenty-one-day records.

**MANOR DE KOL 130 A. R. 21226.**

MANOR DE KOL, 130 A. R.	{	De Kol 2d's Netherland 118 A. R.	{	Netherland Alban 34 A. R.
		Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
				Aaggie Leila's Prince 4419 H.
				Madame Hengerveld 881 A. R. P. In 5 y. 1 m. 21 d., 18¼ lbs. butter by churn.

[Fourth Re-entry on offspring having Official Records. For previous records see Vol. X, page 29, Vol. XI, page 33, Vol. XIV, page 298, Vol. XV, page 465.]

Mosetta De Kol Hengerveld 3585, Vol. XI, age 2 y. 11 m. 11 d., 8.978 lbs. fat.

Lady May Pietertje 2d 3704, Vol. XVI, age 4 y. 1 m. 13 d., 13.175 lbs. fat.

Jessie Veeman Hengerveld 2539, Vol. XVI, age 4 y. 9 m. 28 d., 16.264 lbs. fat; thirty-day record 66.921 lbs. fat.

Manor De Kol's Lady Hartog 3802, Vol. XVI, age 5 y. 11 m. 22 d., 14.603 lbs. fat.

Mollie De Kol Artis 3206, Vol. XVI, age 4 y. 1 m. 27 d., 16.686 lbs. fat; fourteen-day record 32.627 lbs. fat.

Nannette Pledge Hengerveld 4121, Vol. XVI, age 6 y. 1 m. 7 d., 15.144 lbs. fat; thirty-day record 58.789 lbs. fat.

Korndyke Queen De Kol 1549, Vol. XVI, age 9 y. 4 m. 3 d., 19.398 lbs. fat; thirty-day record 78.681 lbs. fat.

Manor De Kol Lady Burke 2311, Vol. XVI, age 6 y. 5 m., 17.751 lbs. fat.

To close of this volume 31 cows with 50 seven-day records, 3 fourteen-day records and 6 thirty-day records.

#### NETHERLAND DE KOL PIETERTJE 267 A. R. 23725.

NETHERLAND DE KOL PIETERTJE 267 A. R.	{	De Kol 2d's Butter Boy 129 A. R.	{ Sir Abbekerk 19056.
			{ De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Netherland Pietertje Hartog 1181 A. R. O. In 4 y. 1 m. 14 d., 10.972 lbs. fat.	{ Milla's Pietertje Netherland 83 A. R. Bessie Hartog 10361.

[Re-entry on offspring having Official Records. For previous records see Vol. XV, page 443.]

Starlight Maid 3792, Vol. XVI, age 5 y. 10 m. 19 d., 13.410 lbs. fat.

Blondean De Kol Star 3230, Vol. XVI, age 2 y. 10 m. 27 d., 12.338 lbs. fat; fourteen-day record 24.161 lbs. fat.

Huntress Last 3228, Vol. XVI, age 3 y. 22 d., 11.765 lbs. fat.

Coloma De Kol Pietertje 3900, Vol. XVI, age 2 y. 10 m. 27 d., 10.613 lbs. fat; thirty-day record 44.101 lbs. fat.

Almeda Princess De Kol 4182, Vol. XVI, age 5 y. 5 m. 2 d., 14.028 lbs. fat.

Trix Mercedes De Kol 4184, Vol. XVI, age 5 y. 4 m. 13 d., 14.140 lbs. fat.

To close of this volume 9 cows with 11 seven-day records, 1 fourteen-day record and 1 thirty-day record.

#### OPHELIA 7TH'S MONK 284 A. R. 24620.

OPHELIA 7th's MONK 284 A. R.	{	Monk Lyons 21327.	{ Lady Fay's Monk 17253.
			{ Lady of Lyons 240 A. R. P. In 2 y. 9 d., 8,761 5-16 lbs. milk 10 m.
		Ophelia 7th 36875.	{ Barney O'Line 15985. Ophelia 965 H.



[Re-entry on offspring having Official Records. For previous records see Vol. XV, page 451.]

Bellewood 2d's Lass 3578, Vol. VI, age 4 y. 10.861 lbs. fat.

Lyons Gerster 2d 3605, Vol. XVI, age 2 y. 6 m. 28 d., 10.174 lbs. fat.

Buckeye Lass 4th's Maid 3734, Vol. XVI, age 2 y. 11 m., 9.524 lbs. fat.

Ophelia Sanesta 3932, Vol. XVI, age 4 y. 8 m. 7 d., 15.911 lbs. fat; fourteen-day record 30.875 lbs. fat.

Bess De Kol Pauline 3d 3401, Vol. XVI, age 2 y. 7 m. 13 d., 11.494 lbs. fat.

Netherland Magic De Kol 2d 4090, Vol. XVI, age 3 y. 11 m. 11 d., 11.615 lbs. fat.

Buckeye Maid 5th 3503, Vol. XVI, age 3 y. 11 m. 4 d., 16.498 lbs. fat.

Ophelia Magic 4289, Vol. XVI, age 3 y. 4 d., 9.839 lbs. fat.

Buckeye Girl 2d's Fancy 3504, Vol. XVI, age 4 y. 11 m. 9 d., 14.970 lbs. fat.

Bellewood Monk 3500, Vol. XVI, age 3 y. 1 m. 6 d., 13.074 lbs. fat.

To close of this volume 10 cows with 14 seven-day records and 1 fourteen-day record.

#### PAUL BEETS DE KOL 113 A. R. 22235.

PAUL BEETS DE KOL 113 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.	{ Paul De Kol 97 A. R.
		Jessie Beets 1130 A. R. O. In 6 y. 8 m. 20 d., 15.445 lbs. fat.	{ De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{ Mooie Hartog 4th 418 D. F.
			{ Dora Beets 3d 543 A. R. P. In 6 y. 3 m. 22 d., 17½ lbs. butter by churn.

[Sixth Re-entry on offspring having Official Records. For previous records see Vol. IX, page 481, Vol. XI, page 35, Vol. XII, page 25, Vol. XIII, page 294, Vol. XIV, page 299, Vol. XV, page 464.]

Edith Grace De Kol 3587, Vol. XVI, age 2 y. 15 d., 10.447 lbs. fat.

Grace Pietertje Pauline De Kol 1983, Vol. XVI, age 7 y. 1 m. 17 d., 16.854 lbs. fat; fourteen-day record 32.882 lbs. fat.

Lady Winana De Kol 3778, Vol. XVI, age 2 y. 3 m. 9 d., 9.930 lbs. fat.

Paul Beets Clothilde Artis Topsy 3926, Vol. XVI, age 2 y. 7 m. 9 d., 12.120 lbs. fat.

Tehee Artis Paul 3192, Vol. XVI, age 7 y. 7 m. 19 d., 15.196 lbs. fat.

S. H. Netherland De Kol Beets 3993, Vol. XVI, age 5 y. 3 d., 12.966 lbs. fat.

Prescott Inka De Kol Clothilde 3427, Vol. XVI, age 3 y. 2 m. 26 d., 15.148 lbs. fat; fourteen-day record 29.922 lbs. fat.

Lily Netherland Pauline 4128, Vol. XVI, age 2 y. 3 m. 1 d., 11.238 lbs. fat.

Segis Aaggie Grace 2d 1746, Vol. XVI, age 6 y. 9 m. 7 d., 16.156 lbs. fat.

Aaggie Pietertje De Kol Beets 3407, Vol. XVI, age 3 y. 2 m. 25 d., 12.203 lbs. fat.

Segis Beets De Kol 4332, Vol. XVI, age 8 y. 5 m. 6 d., 14.723 lbs. fat.

Aaggie De Kol Beets 1749, Vol. XVI, age 6 y. 10 m. 15 d., 14.639 lbs. fat.

To close of this volume 46 cows with 72 seven-day records, 5 fourteen-day records and 6 thirty-day records.

**PAUL MECHTHILDE DE KOL 182 A. R. 22233.**

PAUL MECHTHILDE DE KOL 182 A. R.	{	De Kol 2d's Paul De Kol 107 A. R.	{	Paul De Kol 97 A. R.
		Inka Pietertje Mechthilde 1145 A. R. O. In 2 y. 11 m. 23 d., 11.348 lbs. fat.		De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
			{	Tirania's Sir Mechthilde 16469.
				Inka 4th's Pietertje Rose 1137 A. R. O. In 4 y. 10 m. 11 d., 17.522 lbs. fat.

[Re-entry on offspring having Official Records. For previous records see Vol. XIII, page 278.]

May Rector 2d's De Kol 3687, Vol. XVI, age 3 y. 10 m. 14 d., 11.586 lbs. fat.

Fraud De Kol 2145, Vol. XV, age 4 y. 7 m. 11 d., 15.869 lbs. fat.

Pietertje Lass Pauline 3929, Vol. XVI, age 2 y. 2 m., 8.103 lbs. fat.

Jessie Rector De Kol 4010, Vol. XVI, age 3 y. 3 m. 28 d., 11.669 lbs. fat.

Meg Rector 3d 4039, Vol. XVI, age 5 y. 3 m. 20 d., 19.446 lbs. fat; thirty-day record 76.379 lbs.

To close of this volume 8 cows with 9 seven-day records and 1 thirty-day record.

**PEARL OF THE DAIRY'S JOE DE KOL 164 A. R. 23450.**

PEARL OF THE DAIRY'S JOE DE KOL 164 A. R.	{	Paul Johanna De Kol 184 A. R.	{	Paul Mutuál De Kol 18726.
		Pearl of the Dairy 13271.		Johanna May 1149 A. R. O. In 6 y. 10 m. 3 d., 13.729 lbs. fat.
			{	Prince of Cedarside 7th 3809.
				Jennie Beebe 3533 H.

[Third Re-entry on offspring having Official Records. For description and previous records see Vol. XII, page 23, Vol. XIV, page 304, Vol. XV, page 456.]

Wisconsin Bess 5th 3586, Vol. XVI, age 2 y. 17 d., 10.631 lbs. fat. Vol. XVI, age 3 y. 17 d., 12.914 lbs. fat.

Frauckje 2d's Maid 2d 3589, Vol. XVI, age 2 y. 11 d., 10.275 lbs. fat.

Jessie Griep 4th 3613, Vol. XVI, age 3 y. 3 d., 11.709 lbs. fat.

Ollie Watson 5th's Paul 3708, Vol. XVI, age 3 y. 2 m. 3 d., 10.428 lbs. fat. Vol. XVI, age 4 y. 15 d., 11.719 lbs. fat.

Wisconsin Bess 4th 3709, Vol. XVI, age 3 y. 1 m., 11.709 lbs. fat.

Lilly Gewina 2678, Vol. XVI, age 2 y. 4 m. 3 d., 9.364 lbs. fat. Vol. XVI, age 3 y. 4 m. 5 d., 14.329 lbs. fat.

Heilo Aaggie Johanna 3d, 3002, Vol. XVI, age 4 y. 3 m. 23 d., 12.272 lbs. fat.

De Kol Douglas 2055, Vol. XVI, age 5 y. 8 m. 2 d., 16.560 lbs. fat.

Olive De Cola 4th 3184, Vol. XVI, age 2 y. 1 m. 24 d., 9.945 lbs. fat.

Idol Wild Rose 3835, Vol. XVI, age 2 y. 8 m. 15 d., 9.849 lbs. fat.

Heilo Aaggie Johanna 5th 3833, Vol. XVI, age 2 y. 4 m. 13 d., 8.167 lbs. fat.

Gewina Lilly Princess 3831, Vol. XVI, age 2 y. 4 m. 25 d., 10.783 lbs. fat.

Wisconsin Bride 4th 3840, Vol. XVI, age 3 y. 2 m. 7 d., 9.883 lbs. fat.  
 Belle Empress 4th 4080, Vol. XVI, age 4 y. 8 m. 12 d., 19.439 lbs. fat.  
 Wild Rose Pearl De Kol 4138, Vol. XVI, age 1 y. 11 m. 24 d., 9.727 lbs. fat.  
 Snowball Pink 3000, Vol. XVI, age 3 y. 2 m. 29 d., 13.042 lbs. fat.  
 Josie Watson 4348, Vol. XVI, age 2 y. 1 m. 5 d., 11.026 lbs. fat.

To close of this volume 34 cows with 57 seven-day records and 3 thirty-day records.

#### PIEBE DE KOL BURKE 165 A. R. 25368.

PIEBE DE KOL BURKE 165 A. R.	{	De Kol Burke 162 A. R.	{	De Kol 2d's Butter Boy 129 A. R.
			{	Helena Burke 1140 A. R. O. In 7 y. 3 m. 10 d., 20.364 lbs. fat.
		Piebe Queen 2d 1460 A. R. O. In 5 y. 9 m. 11 d., 13.494 lbs. fat.	{	Aaltje Salo 2d's Carl 19484.
			{	Piebe Queen 1459 A. R. O. In 7 y. 2 d., 15.029 lbs. fat.

[Third Re-entry on offspring having Official Records. For previous records see Vol. XII, page 24, Vol. XIV, page 304, Vol. XV, page 454.]

Jessie Fobes 7th 3607, Vol. XVI, age 2 y. 2 m. 13 d., 10.190 lbs. fat.  
 Gertrude Jess De Kol 3662, Vol. XVI, age 3 y. 4 m. 5 d., 12.423 lbs. fat.  
 Wild Rose Jones 2d's Piebe 3798, Vol. XVI, age 3 y. 7 m. 17 d., 10.156 lbs. fat.  
 Lost Wonder Piebe 2558, Vol. XVI, age 4 y. 16 d., 12.358 lbs. fat.  
 Buffalo Queen De Kol 3161, Vol. XVI, age 3 y. 4 m. 12 d., 11.335 lbs. fat.  
 Heilo Queen De Kol 4020, Vol. XVI, age 2 y. 9 m. 13 d., 12.476 lbs. fat.  
 Rose Burke 4043, Vol. XVI, age 2 y. 9 m. 15 d., 11.409 lbs. fat.  
 Lady Oak 2d's Piebe De Kol 2845, Vol. XVI, age 3 y. 11 m. 15 d., 14.284 lbs.

fat.

To close of this volume 22 cows with 31 seven-day records and 3 thirty-day records.

#### PIETERTJE ALBAN DE KOL 173 A. R. 23227.

PIETERTJE ALBAN DE KOL 173 A. R.	{	De Kol 2d's Butter Boy 129 A. R.	{	Sir Abbekerk 19056.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
		Pietertje 3d's Albina 1230 A. R. O. In 3 y. 11 m. 12 d., 15.202 lbs. fat.	{	Netherland Alban 34 A. R.
			{	Pietertje 3d 480 A. R. P. In 1 y. 10 m. 28 d., 17.927 lbs. milk 1 y.

[Second Re-entry on offspring having Official Records. For previous records see Vol. XIII, page 273, Vol. XV, page 458.]

Raphaella Burke De Kol 3700, Vol. XVI, age 4 y. 1 m. 28 d., 11.546 lbs. fat.  
 Clothilde Alban De Kol 3701, Vol. XVI, age 3 y. 1 m. 22 d., 10.234 lbs. fat.  
 Valley Farm Pansy 3779, Vol. XVI, age 2 y. 11 m. 26 d., 9.326 lbs. fat.  
 Jannek Pietertje De Kol 4104, Vol. XVI, age 5 y. 7 m. 8 d., 15.952 lbs. fat.

Aaggie Topsy De Kol 2310, Vol. XVI, age 4 y. 10 m. 20 d., 19.701 lbs. fat; thirty-day record 78.662 lbs. fat.

Valley Farm Albina 2991, Vol. XVI, age 3 y. 7 m. 20 d., 12.834 lbs. fat.

To close of this volume 22 cows with 32 seven-day records and 2 thirty-day records.

# **PIETERTJE HENGERVELD'S COUNT DE KOL 135 A. R. 23224.**

PIETERTJE HENGERVELD'S COUNT DE KOL 135 A. R.	{	De Kol 2d's Butter Boy 129 A. R.	{	Sir Abbekerk 19056.
			{	De Kol 2d 412 A. R. O. In 10 y. 11 m. 3 d., 21.261 lbs. fat.
	{	Pietertje Hengerveld 1139 A. R. O. In 4 y. 10 m. 11 d., 17.482 lbs. fat.	{	Milla's Pietertje Netherland 83 A. R.
			{	Netherland Hengerveld 1133 A. R. O. In 7 y. 11 m. 10 d., 21.333 lbs. fat.

[Fourth Re-entry on offspring having Official Records. For description and previous records see Vol. X, page 31, Vol. XIII, page 292, Vol. XIV, page 303, Vol. XV, page 466.]

Monk Lyons' Ophelia 2d 3579, Vol. XVI, age 2 y. 11 m. 21 d., 9.500 lbs. fat.

Buckeye Queen 2d's Lass 3580, Vol. XVI, age 3 y. 22 d., 11.943 lbs. fat.

Langtry De Kol 2d 3581, Vol. XVI, age 3 y. 5 d., 9.334 lbs. fat. Vol. XVI, age 4 y. 2 d., 16.550 lbs. fat.

Ophelia Jane 2d's Maid 3606, Vol. XVI, age 3 y. 2 m. 5 d., 10.198 lbs. fat. Vol. XVI, age 4 y. 1 m., 13.673 lbs. fat.

Frenesta Hengerveld De Kol 3625, Vol. XVI, age 2 y. 4 m. 27 d., 12.970 lbs. fat.

Blanche Lyons Hengerveld 3829, Vol. XVI, age 1 y. 11 m. 25 d., 11.845 lbs. fat.

Tweede Hengerveld De Kol 2158, Vol. XVI, age 5 y. 7 m. 7 d., 14.050 lbs. fat.

Bawn Buckeye 3d's Queen 3933, Vol. XVI, age 3 y. 8 m. 8 d., 14.340 lbs. fat; fourteen-day record 25.992 lbs. fat.

Bawn De Kol Hengerveld 3970, Vol. XVI, age 2 y. 7 m. 11 d., 10.028 lbs. fat.

Ophelia Maid Hengerveld De Kol 3968, Vol. XVI, age 2 y. 7 m. 6 d., 9.278 lbs. fat.

Gerster De Kol Hengerveld 4091, Vol. XVI, age 2 y. 8 m. 6 d., 10.407 lbs. fat.

Lillian Pietertje Hengerveld De Kol 4115, Vol. XVI, age 4 y. 3 m. 26 d., 13.261 lbs. fat; fourteen-day record 25.524 lbs. fat.

Ophelia De Kol Hengerveld 3400, Vol. XVI, age 3 y. 26 d., 13.578 lbs. fat.

Hengerveld De Kol Pietertje 4322, Vol. XVI, age 4 y. 3 m. 27 d., 13.011 lbs. fat.

Countess De Kol Bawn 4320, Vol. XVI, age 2 y. 21 d., 10.757 lbs. fat.

Nasica De Kol 3498, Vol. XVI, age 3 y. 13 d., 15.201 lbs. fat.

Verbelle De Kol Hengerveld 3505, Vol. XVI, age 2 y. 11 m. 17 d., 13.523 lbs. fat.

Buckeye Clothilde 3d's Maid 4288, Vol. XVI, age 3 y. 8 m. 21 d., 13.257 lbs. fat.

Beauty Rauwerd De Kol 4287, Vol. XVI, age 2 y. 1 m. 20 d., 10.460 lbs. fat.

To close of this volume 42 cows with 50 seven-day records, 2 fourteen-day records and 1 thirty-day record.

**PONTIAC KORNDYKE 177 A. R. 25982.**

PONTIAC KORNDYKE 177 A. R.	{	Manor Josephine De Kol 204 A. R.	{	Empress Josephine 3d's Sir Mechthilde 20255.
		Belle Korndyke 1449 A. R. O. In 10 y. 9 m. 13 d., 20.615 lbs. fat.		Agnes De Kol's Ellen 1144 A. R. O. In 2 y. 11 m. 13 d., 10.940 lbs. fat.
			{	Silvan Hartog 8161.
			{	Kate Korndyke 238 D. F.

[Re-entry on offspring having Official Records. For previous records see Vol. XIII, page 276.]

Pontiac Rag Apple 3446, Vol. XV, age 2 y. 7 m. 12 d., 16.000 lbs. fat.

Pontiac Aesula 3898, Vol. XVI, age 2 y. 6 m. 4 d., 10.317 lbs. fat.

Pontiac Beets Korndyke 3897, Vol. XVI, age 3 y. 28 d., 14.400 lbs. fat.

Pontiac Agnes 3960, Vol. XVI, age 2 y. 3 m. 13 d., 12.288 lbs. fat.

To close of this volume 4 cows with 4 seven-day records.

**PONTIAC PAULINE PAUL 178 A. R. 24851.**

PONTIAC PAULINE PAUL 178 A. R.	{	Pauline Paul's De Kol 180 A. R.	{	Count Paul De Kol 324 A. R.
		Bessie De Vries 3d 40935.		Pauline Paul 852 A. R. P. In 8 y., 18,669 9-16 milk 1 y.
			{	Netherland De Kol's Pietertje 287 A. R.
			{	Bessie De Vries 1209 A. R. O. In 8 y. 8 m. 8 d., 12.875 lbs. fat.

[Re-entry on offspring having Official Records. For previous records see Vol. XIII, page 276.]

Pontiac Thalia 2884, Vol. XV, age 2 y. 4 m. 5 d., 8.328 lbs. fat.

Pontiac Pauline Beets 3323, Vol. XV, age 2 y. 10 m. 26 d., 8.939 lbs. fat.

Pontiac Pauline Hesseltje 3665, Vol. XVI, age 2 y. 3 m. 24 d., 9.718 lbs. fat.

Pontiac Pauline Pietertje 3964, Vol. XVI, age 4 y. 3 m. 21 d., 12.415 lbs. fat.

Pontiac Tryntje 4183, Vol. XVI, age 2 y. 4 m. 10 d., 12.277 lbs. fat.

Pontiac Eunomia 4180, Vol. XVI, age 2 y. 5 m. 3 d., 9.890 lbs. fat.

To close of this volume 6 cows with 6 seven-day records.

**PRINCE BRYONIA MADRIGAL 235 A. R. 25317.**

PRINCE BRYONIA MAD- RIGAL 235 A. R.	{	Hugh Rhoda Madrigal 22075.	{	Hugh Rhoda Mercedes 15855.
		Bryonia Albia 1215 A. R. O. In 8 y. 3 m. 20 d., 18.685 lbs. fat.		Madrigal 2d 1326.
			{	Cyclone 392 H.
			{	Adele 6th 1649 H.



[Re-entry on offspring having Official Records. For description see Vol. XIV, page 291.]

Elgin Mercedes Butter Queen 3202, Vol. XV, age 2 y. 7 m. 7 d., 10.230 lbs. fat.

Fyke Mechthilde 3d 3445, Vol. XV, age 2 y. 4 d., 8.883 lbs. fat.

Duchess Bryonia 3614, Vol. XVI, age 2 y. 7 m. 5 d., 8.647 lbs. fat.

Lady Bettina Bryonia 3843, Vol. XVI, age 2 y. 21 d., 10.007 lbs. fat.

Aaggie Bryonia 4027, Vol. XVI, age 2 y. 1 d., 8.831 lbs. fat.

Porna Bryonia 4029, Vol. XVI, age 2 y. 7 m. 18 d., 9.889 lbs. fat.

To close of this volume 6 cows with 7 seven-day records.

### PRINCE DE KOL PAUL 290 A. R. 23022.

PRINCE DE KOL PAUL 290 A. R.	{	Netherland De Kol's Perfection 223 A. R.	{	Pietertje 2d's Koningen 93 A. R.
				Netherland De Kol 1006 A. R. P. In 2 y. 5 m. 21 d., 82 15-32 lbs. butter by churn 30 d.
		Princess Zozo 21085.	{	Netherland Rupert 7203. Zozo 2d 10607.

[Re-entry on offspring having Official Records. For previous records see Vol. XV, page 453.]

Princess Leo Netherland De Kol 3757, Vol. XVI, age 2 y. 4 m. 15 d., 9.174 lbs. fat; fourteen-day record 17.018 lbs. fat.

De Kol Albirce 4164, Vol. XVI, age 1 y. 11 m. 6 d., 9.148 lbs. fat.

Dichter Alemena De Kol 4166, Vol. XVI, age 1 y. 11 m. 21 d., 8.889 lbs. fat.

Kiatta Pietertje De Kol 4176, Vol. XVI, age 1 y. 9 m. 23 d., 7.606 lbs. fat.

To close of this volume 10 cows with 12 seven-day records and 1 fourteen-day record.

### SARCASTIC LAD 194 A. R. 23971.

SARCASTIC LAD 194 A. R.	{	Maurice Bonheur 22394.	{	Maurice Clothilde 17638.
				Rosa Bonheur 5th 1117 A. R. O. In 5 y. 10 m. 16 d., 20.270 lbs. fat.
		Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.	{	Sarcastic 4729. Belvisia 2d 4553.

[Second Re-entry on offspring having Official Records. For previous records see Vol. XIII, page 285, Vol. XV, page 457.]

Johanna Rue 5th 3839, Vol. XVI, age 2 y. 5 m. 27 d., 8.811 lbs. fat.

Colantha 4th's Lass 3140, Vol. XVI, age 3 y. 1 m. 2 d., 14.279 lbs. fat.

Johanna Belle 4026, Vol. XVI, age 2 y. 22 d., 9.285 lbs. fat.

Johanna Ruth 2d 4258, Vol. XVI, age 2 y. 1 m. 25 d., 9.847 lbs. fat.

Johanna Aaggie 4th 3838, Vol. XVI, age 2 y. 9 m. 26 d., 11.523 lbs. fat.

Johanna Rosa 3137, Vol. XVI, age 3 y. 1 m. 8 d., 14.040 lbs. fat.

Johanna Bonheur 3136, Vol. XVI, age 3 y. 1 m. 3 d., 13.053 lbs. fat.

Johanna De Pauline 4th 3135, Vol. XVI, age 2 y. 10 m. 19 d., 13.314 lbs. fat.

To close of this volume 15 cows with 19 seven-day records.

**SIR JOHANNA FRIEND CLOTHILDE 196 A. R. 26937.**

SIR JOHANNA FRIEND CLOTHILDE 196 A. R.	{	Sarcastic Lad 194 A. R.	{	Maurice Bonheur 22394.
			{	Belle Sarcastic 1118 A. R. O. In 4 y. 2 m. 25 d., 16.590 lbs. fat.
	{	Johanna Friend 45164.	{	Paul Mutual De Kol 18726.
			{	Johanna 5th's Clothilde 1107 A. R. O. In 5 y. 11 m. 1 d., 16.006 lbs. fat.

[Re-entry on offspring having Official Records. For description see Vol. XIII, page 286.]

Madge De Kol Johanna 3098, Vol. XV, age 1 y. 11 m. 29 d., 10.084 lbs. fat.

Skylark De Kol Johanna 3095, Vol. XV, age 1 y. 10 m. 5 d., 7.675 lbs. fat.  
Vol. XVI, age 2 y. 11 m. 19 d., 16.514 lbs. fat.

Daisy M. P. Johanna 3148, Vol. XV, age 1 y. 11 m. 27 d., 8.390 lbs. fat.

Daisy Mercedes Johanna 3811, Vol. XVI, age 2 y. 4 m. 4 d., 11.504 lbs. fat.

Skylark Mercedes De Kol Johanna 3922, Vol. XVI, age 1 y. 11 m. 25 d., 12.320  
lbs. fat; fifteen-day record 25.449 lbs. fat.

Lady Grace De Kol Johanna 3920, Vol. XVI, age 1 y. 11 m. 16 d., 10.623 lbs.  
fat.

Daisy B. M. Johanna 3919, Vol. XVI, age 1 y. 9 m. 29 d., 10.733 lbs. fat.

Daisy Pietertje De Kol Johanna 3918, Vol. XVI, age 2 y. 7 d., 11.110 lbs. fat.

Skylark M. De Kol 2d 3917, Vol. XVI, age 1 y. 11 m. 24 d., 10.544 lbs. fat.

Daisy Pietertje De Kol Mercedes 3916, Vol. XVI, age 1 y. 10 m. 20 d., 10.714  
lbs. fat.

Gracie De Kol Johanna 3979, Vol. XVI, age 2 y. 7 m. 21 d., 12.710 lbs. fat.

To close of this volume 11 cows with 12 seven-day records and 1 fifteen-day  
record.

**SIR PIEBE HENGERVELD DE KOL 233 A. R. 27929.**

SIR PIEBE HENGER- VELD DE KOL 233 A. R.	{	Gem Pietertje Hengerveld Paul De Kol 155 A. R.	{	Pietertje Hengerveld's Paul De Kol 155 A. R.
			{	Maplecroft Gem 1351 A. R. O. In 5 y. 5 m. 11 d., 16.079 lbs. fat.
	{	Piebe Laura 1673 A. R. O. In 12 y. 9 m. 7 d., 63.187 lbs. fat 30 d.	{	Lord Carl 12121.
			{	Piebe 4th 1694 A. R. O. In 11 y. 4 m. 2 d., 13.503 lbs. fat.

[Re-entry on offspring having Official Records. For description see Vol. XIV, page 290.]

Ava Colanthus Piebe 3421, Vol. XV, age 2 y. 3 m. 1 d., 14.188 lbs. fat; thirty-  
day record 54.436 lbs. fat.

Mantel Piebe De Kol 4004, Vol. XVI, age 2 y. 8 m. 17 d., 10.656 lbs. fat.

Piebe Butter Girl 4003, Vol. XVI, age 2 y. 2 m. 20 d., 7.712 lbs. fat.

Blanche Belle Piebe 4006, Vol. XVI, age 2 y. 2 m. 10 d., 10.755 lbs. fat.  
 Aurora Piebe De Kol 4133, Vol. XVI, age 2 y. 3 m. 18 d., 10.732 lbs. fat.  
 Piebe Hengerveld Johanna De Kol 4346, Vol. XVI, age 2 y. 5 m. 19 d., 10.233 lbs. fat.

To close of this volume 6 cows with 6 seven-day records and 1 thirty-day record.

# **SOLDENE CLOTHILDE ARTIS 288 A. R. 24002.**

SOLDENE CLOTHILDE ARTIS 288 A. R.	{	Soldene 2d's Netherland 8519.	{	Netherland Statesman 38 A. R.
		Dirkje Von Holingen 3d 1264 A. R. O. In 6 y. 5 m. 28 d.; 17.454 lbs. fat.		Soldene 2d 493 A. R. P. In 3 y. 22 d., 19 3-64 lbs. but- ter by churn.
			{	Clothilde 4th's Artis 5488.
			{	Dirkje Von Holingen 17221.

[Re-entry on offspring having Official Records. For previous records see Vol. XV, page 452.]

Mildred Soldene 3782, Vol. XVI, age 2 y. 4 m. 18 d., 8.573 lbs. fat.  
 Baroness Wayne De Kol 2d 3823, Vol. XVI, age 2 y. 10 m. 10 d., 9.286 lbs. fat.  
 Comedia Soldene Artis 2970, Vol. XVI, age 4 y. 1 m. 17 d., 14.675 lbs. fat.  
 Sieglinda Artis 4261, Vol. XVI, age 4 y. 5 m. 10 d., 11.102 lbs. fat; twenty-one-day record 29.357 lbs. fat.

Flora Brank 4th 4259, Vol. XVI, age 2 y. 5 m. 2 d., 13.074 lbs. fat; twenty-one-day record 38.254 lbs. fat.

To close of this volume 9 cows with 10 seven-day records and 2 twenty-one-day records.



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[illegible]



182	White Bear Lake, Minn.	T. S. Tompkins,	11,155	3.55	187
360	Lebanon, N. Y.	H. W. Hartshorn,	384.6	3.39	360
360	Lebanon, N. Y.	H. W. Hartshorn,	29,808	3.98	360
154	Traverse City, Mich.	Northern Michigan Asylum,	12,831	3.36	154
164	Tillsonburg, Ont., Can.	George Rice,	450.2	27	164
164	Tillsonburg, Ont., Can.	George Rice,	1,871.0	30	164
343	San Francisco, Cal.	Charles D. Pierce,	13,333	3.01	343
448	Lacona, N. Y.	Stevens Brothers-Hastings Co.,	312.4	3.29	448
448	Lacona, N. Y.	Stevens Brothers-Hastings Co.,	42,143	3.31	448
284	Rifton, N. Y.	J. W. Dimick,	11,774	3.57	284
284	Rifton, N. Y.	J. W. Dimick,	23,342	3.50	284
495	Syracuse, N. Y.	F. R. Hazard,	438.8	28	495
242	Cortland, N. Y.	T. A. Mitchell,	9,203	3.67	242
56	Sherburne, N. Y.	H. L. Bronson,	9,218	3.10	56
173	Sherburne, N. Y.	G. W. Little,	9,798	2.85	173
267	Rupert, Vt.	G. W. Little,	3,220	3.10	267
285	West Allis, Wis.	Charles D. Pierce,	281.6	3.26	285
134	Pennellville, N. Y.	Guild & Roberts,	13,876	3.58	134
134	Pennellville, N. Y.	Guild & Roberts,	10,437	3.04	134
28	Watertown, Wis.	O. J. Godfrey,	346.2	11,705	28
448	Lacona, N. Y.	O. J. Godfrey,	675.4	3.38	448
448	Lacona, N. Y.	E. E. Randall,	22,542	3.34	448
486	Watertown, Wis.	Stevens Brothers-Hastings Co.,	384.6	14,048	486
436	Liverpool, N. Y.	Stevens Brothers-Hastings Co.,	295.6	10,629	436
34	East Charlton, Ohio	E. E. Randall,	44,400	3.53	34
238	Madison, Ohio	W. C. Hunt,	245.1	3.81	238
380	Pontiac, Mich.	Knapp & Pierce,	10,671	4.01	380
267	Rupert, Vt.	University of Wisconsin,	318.8	3.09	267
467	Princeton, Mass.	Eastern Michigan Asylum,	9,747	3.29	467
376	Lacona, N. Y.	Guild & Roberts,	14,028	3.61	376
376	Lacona, N. Y.	John B. Maroon,	13,355	3.05	376
315	Manlius, N. Y.	Henry Stevens & Son,	11,235	3.44	315
437	East Hamilton, N. Y.	Henry Stevens & Son,	13,705	3.24	437
167	Manlius, N. Y.	W. W. Cheney,	11,323	3.15	167
484	Milwaukee, Wis.	Camb Brothers,	492.5	27.1	484
248	Neshanic, N. J.	C. F. Hunt,	13,370	3.71	248
250	Traverse City, Mich.	A. N. McGeeoch,	14,953	3.43	250
170	Manlius, N. Y.	A. A. Cortelyou,	390.1	13,552	170
33	East Charlton, Ohio	C. F. Hunt,	535.5	11,298	33
496	Spragense, N. Y.	C. F. Hunt,	505.2	3.22	496
411	Farmington, Mich.	Knapp & Pierce,	1,973.3	3.26	411
256	Lacona, N. Y.	Wing R. Smith,	3,18.8	3.09	256
256	Lacona, N. Y.	J. H. Johnson,	9,857	3.39	256
144	Hamilton, N. Y.	Stevens Brothers-Hastings Co.,	16,037	3.70	144
144	Hamilton, N. Y.	Stevens Brothers-Hastings Co.,	15,774	3.22	144
193	Cooperstown, N. Y.	Stevens Brothers-Hastings Co.,	30,282	3.38	193
511	San Francisco, Cal.	Stevens Brothers-Hastings Co.,	952.9	3.30	511
511	Norwich, Ont., Can.	Stevens Brothers-Hastings Co.,	15,293	3.19	511
226	Manlius, N. Y.	J. M. Hotaling,	463.7	4.13	226
311	Manlius, N. Y.	James Rettie,	301.7	12,636	311
137	San Francisco, Cal.	C. F. Hunt,	365.0	11,061	137
336	San Francisco, Cal.	C. F. Hunt,	311.6	12,683	336
229	Clifford, N. Y.	Charles D. Pierce,	614.1	24,655	229
19	Augusta, N. J.	Charles D. Pierce,	17,303	4.01	19
152	Lacona, N. Y.	David Brothers,	274.1	8.28	152
143	Lacona, N. Y.	H. D. Roe,	7,316	3.46	143
418	Hamilton, N. Y.	Stevens Brothers-Hastings Co.,	439.8	2.93	418
309	Traverse City, Mich.	Stevens Brothers-Hastings Co.,	427.5	15,240	309
		A. A. Hartshorn,	10,734	3.37	
		Stevens Brothers-Hastings Co.,	16,791	3.43	
		Northern Michigan Asylum,	12,229	3.31	

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Name and H. B. Number of Cow	Age at Time of Calving	Days After Calving	Length of Record	Pounds of Milk	Pounds of Butter Fat	Average Per Cent Fat	Name and Address of Owner	Page
Ava Colanthus Piebe.....61971	2y. 3m. 1d.	274	7	197.9	8.038	4.06	F. B. Fargo, Lake Mills, Wis.	496
Avilla Boon Clothilde.....69854	2 0	259	7	256.1	7.624	2.98	H. D. Roe, Augusta, N. J.	496
Aulinda Niebe.....50127	4 10	25	7	352.3	13.633	3.87	W. W. Cheney, Manlius, N. Y.	36
Aurora Piebe De Kol.....66284	2 3	13	7	282.4	10.732	3.80	F. B. Fargo, Lake Mills, Wis.	354
Banostine Application 2d.....62324	4 11	4	7	452.7	12.415	2.72	Dan Dimock, Burton, Ohio	18
Barbara Lady.....54740	4 9	24	7	417.7	14.600	3.50	J. W. Dimick, Rifton, N. Y.	345
Barbara Pauline America.....6740	4 8	21	14	802.7	26.490	3.55	J. W. Dimick, Rifton, N. Y.	345
Barbetta Beauty Colanthus.....67588	4 3	9	7	398.3	13.886	3.56	L. G. Legler, Juda, Wis.	375
Barna Alice Daisy.....54546	7 0	4	7	356.9	12.718	3.51	A. C. Dement & Son, Brockton, Mass.	272
Baroness Wayne De Kol 2d.....59548	2 10	10	7	435.1	14.701	3.58	Rankin Brothers, San Francisco, Cal.	398
Barrington Daisy.....47242	6 6	23	7	501.1	16.110	3.16	Charles D. Pierce, San Francisco, Cal.	174
Barrington Daisy.....47242	6 10	23	7	285.1	13.890	3.12	M. S. Nye, Preble, N. Y.	121
Bawn Buckeye 3d.....47971	2 1	12	7	285.1	13.890	3.12	M. S. Nye, Preble, N. Y.	121
Bawn Buckeye 3d's Queen.....58431	3 8	8	7	447.2	13.158	2.94	Wing R. Smith, Syracuse, N. Y.	302
Bawn Buckeye 5th.....54631	3 5	0	14	475.8	14.340	3.01	Wing R. Smith, Syracuse, N. Y.	243
Bawn De Kol Hengerveld.....62980	2 7	11	7	509.1	25.992	2.89	Wing R. Smith, Syracuse, N. Y.	447
Beau Boon.....54471	4 8	9	7	365.7	10.028	2.74	Wing R. Smith, Syracuse, N. Y.	266
Beau of Ninon's Pietertje.....49026	4 3	39	14	675.7	24.336	3.60	J. W. Dimick, Rifton, N. Y.	442
Beau of Plum 6th's De Kol.....58511	3 8	5	7	535.5	19.361	3.62	W. L. Keyes, Deerfield, N. Y.	269
Beau of Plum 6th's De Kol.....58511	3 8	5	7	549.0	15.496	3.22	O. U. Kellogg, Cortland, N. Y.	189
Beau Pietertje.....58534	5 4	1	14	940.2	30.243	3.22	O. U. Kellogg, Cortland, N. Y.	189
Beau Rautverd De Kol.....67817	2 1	12	30	588.3	21.520	3.66	A. A. Hartshorn, Hamilton, N. Y.	361
Beau Rosalie.....59820	3 1	14	7	264.9	87.025	3.29	A. A. Hartshorn, Hamilton, N. Y.	361
Beau Tuelbe.....55053	3 1	14	7	356.6	10.460	2.93	Wing R. Smith, Syracuse, N. Y.	445
Belle Bessie.....63890	3 1	6	7	293.8	10.303	3.51	C. F. Hunt, Manlius, N. Y.	244
Belle Dewdrop.....67841	3 1	15	7	377.1	12.842	3.41	R. M. Hotaling, San Francisco, Cal.	478
Belle Dewdrop.....67841	3 1	15	7	366.2	12.210	3.33	H. B. Cowles, Topeka, Kan.	41
Belle Dewdrop 4th.....55016	3 1	15	7	370.4	13.454	3.63	George Rice, Tillsonburg, Ont. Can.	163
Belle Kornnyke's Daughter.....59886	4 8	12	30	434.7	19.439	4.47	George Rice, Tillsonburg, Ont. Can.	163
Belle Model Johanna.....59886	11 28	9	7	433.1	15.548	3.59	A. A. Cortelyou, Neshanic, N. J.	322
Belle Netherland Johanna.....62304	11 28	20	7	411.8	14.042	3.41	A. A. Cortelyou, Neshanic, N. J.	322
Belle of Lindenwald.....53818	11 11	18	7	797.4	26.813	3.36	A. A. Cortelyou, Neshanic, N. J.	322
Belle of Lindenwald 2d.....60217	5 10	26	7	271.7	9.504	3.50	A. A. Cortelyou, Neshanic, N. J.	161
Belle Pietertje Keyes.....57436	7 10	29	7	549.6	14.932	2.72	George S. Loomis, Orwell, N. Y.	489
Belle Sarcastic.....23039	6 2	10	64	314.1	15.177	3.66	George S. Loomis, Orwell, N. Y.	489
Belle Sarcastic.....23039	6 2	10	64	558.5	12.653	4.03	A. J. Daugherty, Streator, Ill.	288
Belle Sarcastic.....23039	6 2	10	64	2460.6	84.138	3.42	Michigan Agricultural College, Agr. College, Mich.	494
Belle Sarcastic.....23039	6 2	10	64	4764.3	160.372	3.37	Michigan Agricultural College, Agr. College, Mich.	494
Bellewood Monk.....63288	3 1	6	365	23,189.6	721.681	3.11	Michigan Agricultural College, Agr. College, Mich.	494
Bellewood 2d's Lass.....54630	4 0	0	7	465.0	13.074	2.81	W. Judson Smith, Syracuse, N. Y.	443
Beryl Belle Hengerveld De Kol.....65679	2 2	38	7	323.9	10.861	3.35	Wing R. Smith, Rifton, N. Y.	24
Beryl Belle Hengerveld De Kol.....65679	2 2	38	7	323.9	10.861	3.35	Wing R. Smith, Rifton, N. Y.	24
Beryl Lady Hengerveld De Kol.....63395	2 2	15	14	655.3	21.715	3.31	John B. Maroon, Princeton, Mass.	338
Beryl Lady Waldorf.....63776	2 1	5	7	278.5	8.928	3.21	John B. Maroon, Princeton, Mass.	338
Beryl Mutual Wayne De Kol.....61840	3 3	2	7	272.2	8.173	3.00	Henry Stevens & Son, Lacona, N. Y.	140
Beryl Mutual Wayne De Kol.....61840	3 3	2	7	272.2	8.173	3.00	Henry Stevens & Son, Lacona, N. Y.	140
Beryl Pertertje Korndyke.....63396	1 1	27	14	762.5	22.213	2.91	Stevens Brothers & Sons, Lacona, N. Y.	449
Beryl Pertertje Korndyke.....63396	1 1	27	14	762.5	22.213	2.91	Stevens Brothers & Sons, Lacona, N. Y.	449



Beryl Wayne De Kol Hengerveld.....	64459	2	4	0	5	9	7	277.51	7,840	2.83	John B. Maroon,	Princeton, Mass.	366
Bertha Shadeland Paul.....	53657	4	2	3	24	43	7	437.6	16,379	3.74	W. W. Cheney,	Manlius, N. Y.	37
Bess Boon.....	64382	4	2	3	25	7	7	360.2	10,529	2.92	I. S. Allen,	Hubbardsville, N. Y.	318
Bessie Clothilde Perfection.....	65241	2	2	7	13	30	7	289.7	9,325	3.30	W. A. H. Barnes,	Brooklyn, Pa.	287
Bessie De Kol Pauline 3d.....	63989	2	2	7	13	22	7	359.6	11,494	3.20	Wing R. Smith,	Syracuse, N. Y.	382
Bessie Covert Rose.....	66544	2	2	5	0	7	7	403.8	10,615	3.59	George Rice,	Tillsonburg, Ont., Can.	712
Bessie Covert 3d's Pansy 2d.....	59220	4	4	3	27	99	7	413.0	12,075	3.92	Walter S. Schell,	Woodstock, Ont., Can.	249
Bessie Grierie De Kol.....	58921	3	3	4	15	24	7	484.2	13,698	3.71	W. A. Cortelyou,	Neshanic, N. J.	270
Bessie Monk.....	44755	3	3	4	13	40	7	456.3	13,698	3.71	W. A. Carr,	Vesper, N. Y.	773
Bessie Tallman.....	53427	3	3	10	23	61	7	478.8	11,323	3.12	W. S. Schnell,	Woodstock, Ont., Can.	491
Bessie Wayne Champion.....	44179	3	3	2	21	59	7	478.8	11,323	3.12	World's Fair H. F. Association,	St. Louis, Mo.	491
Bessie Wayne Champion.....	44179	3	3	2	21	57	7	1,635.4	56,217	3.34	World's Fair H. F. Association,	St. Louis, Mo.	491
Bessie Wayne Champion.....	44179	3	3	2	21	57	120	6,522.3	215,539	3.31	World's Fair H. F. Association,	St. Louis, Mo.	491
Bessie Withorn Rutine.....	57558	3	3	2	21	26	7	426.0	15,110	3.39	Guild & Roberts,	Rupert, Vt.	268
Bessie Withorn Rutine.....	57558	3	3	2	21	26	7	427.4	14,043	3.29	W. H. Simmons,	New Durham, Ont., Can.	246
Bewunde Aggie Mechlilde.....	67125	5	1	11	11	45	7	209.8	8,570	4.08	George Rice,	Tillsonburg, Ont., Can.	155
Bewunde Aggie Pearl 2d.....	66945	6	7	8	4	43	7	411.3	12,140	2.95	R. C. Reed,	Howell, Mich.	205
Bewunde Butter Queen.....	50128	7	7	8	20	22	7	352.5	12,527	3.50	A. N. McGeoch,	Milwaukee, Wis.	106
Bowden Clothilde.....	43943	5	5	1	20	27	7	386.0	12,764	3.31	F. B. Fargo,	Lake Mills, Wis.	209
Blanche Belle Jalmar.....	43973	5	5	1	20	27	7	386.0	12,764	3.31	F. B. Fargo,	Lake Mills, Wis.	209
Blanche Belle Pebe.....	66281	2	12	10	13	13	7	257.9	10,755	4.17	F. B. Fargo,	Lake Mills, Wis.	286
Blanche Lyons Hengerveld.....	65285	1	11	25	14	7	7	409.7	11,845	2.89	Wing R. Smith,	Syracuse, N. Y.	177
Blondeau De Kol Star.....	68095	2	2	10	27	51	7	343.0	12,338	3.60	Wing R. Smith,	Syracuse, N. Y.	204
Blondeau De Kol Star.....	68095	2	2	10	27	51	7	709.3	24,161	3.41	R. C. Reed,	Howell, Mich.	204
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Bowen Clothilde.....	68112	2	2	10	26	39	7	299.6	8,872	2.96	George L. Weller,	Watertown, N. Y.	439
Brimusa De Kol Pauline.....	64209	2	2	2	3	54	7	261.6	8,030	3.07	J. B. Taylor,	Watertown, N. Y.	356
Brimusa De Kol Pauline.....	64209	2	2	2	3	54	7	261.6	8,030	3.07	J. B. Taylor,	Watertown, N. Y.	356
Bromide Fel.....	41203	12	0	2	11	21	7	505.6	15,568	3.08	E. J. fedt,	Earlville, N. Y.	17
Brookside De Kol Pauline.....	45132	3	9	22	14	21	7	377.4	12,244	3.24	Pan Dimock,	Burton, Ohio	229
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Buckeye Girl 2d's Fancy.....	57755	4	11	9	21	12	7	423.1	13,257	3.13	H. D. Roe,	Angusta, N. J.	446
Buckeye Maid 5th.....	58433	3	11	0	14	22	7	542.3	16,498	2.75	Wing R. Smith,	Syracuse, N. Y.	119
Buckeye Lass 4th's Maid.....	58433	3	11	0	14	22	7	542.3	16,498	2.75	Wing R. Smith,	Syracuse, N. Y.	119
Buckeye Queen 2d's Lass.....	58435	3	0	22	13	7	7	348.5	11,943	3.43	Wing R. Smith,	Syracuse, N. Y.	331
Buffalo Queen De Kol.....	61201	3	4	12	15	15	7	340.0	11,335	3.33	Wing R. Smith,	Syracuse, N. Y.	25
Burton Girl 2d.....	70230	1	10	8	18	18	7	234.7	7,363	3.14	A. A. Cortelyou,	Neshanic, N. J.	248
Burton Highlawn 2d.....	63235	3	4	11	11	18	7	440.8	15,658	3.55	Dan Dimock,	Burton, Ohio	70
Busacker De Kol.....	54729	3	4	21	21	11	7	347.3	12,896	3.71	Dan Dimock,	Burton, Ohio	18
Butter Belle Pride.....	48250	6	6	14	29	6	7	414.1	13,505	3.26	R. M. Hotaling,	San Francisco, Cal.	47
Butter Boy Buttercup De Kol.....	48067	6	4	29	18	29	7	504.0	13,754	2.73	Hankin Brothers,	Brooklyn, Mass.	145
Buttercup Clothilde Pieterje.....	67747	1	1	9	10	20	7	273.7	10,939	4.00	R. C. Swartout,	Hartwick Seminary, N. Y.	239
Buttercup Ondinus.....	67772	2	7	7	20	25	7	483.4	14,930	3.09	A. A. Hartshorn,	Hamilton, N. Y.	162
Butter Girl Pieterje.....	63852	2	2	5	24	25	7	244.6	8,700	3.56	D. W. Field,	Brooklyn, Mass.	405
Cadillac Queen.....	46201	7	8	23	25	23	7	542.0	17,710	3.26	Henry Stevens & Son,	Lacona, N. Y.	243
Calamity Greenwood De Kol.....	62444	2	2	3	8	65	7	320.5	10,982	2.86	Northern Michigan Asylum,	Traverse City, Mich.	252
Calamity Greenwood Kette.....	53424	4	2	25	26	26	7	409.6	11,700	3.43	E. H. Knapp & Son,	East Clarion, Ohio	100
Calamity Jane 2d.....	49455	6	2	1	23	18	7	448.6	16,323	3.84	Knapp & Pierce,	Fabius, N. Y.	336
Calamity Jane 2's Countess.....	63885	2	11	10	11	21	7	219.9	8,522	3.68	George Rice,	Tillsonburg, Ont., Can.	333
Calamity Jane 3d.....	53056	4	4	6	10	21	7	497.8	15,260	3.07	George Rice,	Tillsonburg, Ont., Can.	333
Calamity Jane 3d.....	53056	4	4	6	10	21	7	2,011.7	59,635	2.96	W. A. Matteson,	Utica, N. Y.	306
Calamity Jane Duchess 2d.....	61013	3	2	3	18	344	7	147.9	5,199	3.51	W. A. Matteson,	Utica, N. Y.	306
Calamity Mercedes Pauline De Kol.....	63918	11	13	28	27	27	7	291.2	11,254	3.86	George Rice,	Tillsonburg, Ont., Can.	497
Calamity Pauline Paul.....	63919	11	13	28	26	26	7	307.0	10,296	3.35	J. H. Johnson,	Farmingington, Mich.	412
Calamity Pieterje De Kol.....	61633	2	2	25	24	24	7	383.5	13,355	3.48	J. W. Dimick,	Farmingington, Mich.	282
Calamity Pieterje De Kol.....	61633	2	2	25	24	24	7	749.5	26,062	3.48	J. W. Dimick,	Riffton, N. Y.	592
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Calamity Spofford De Kol.....	70476	1	1	9	7	29	7	261.4	8,654	3.31	E. H. Knapp & Son,	Fabius, N. Y.	395
Camilla Clothilde 2d's Belle.....	54549	2	2	10	9	29	7	334.7	11,809	3.33	J. B. Taylor,	Watertown, N. Y.	439
Canary Calamity Countess.....	67566	2	2	10	9	29	7	296.6	11,676	3.94	George Rice,	Tillsonburg, Ont., Can.	332
Canary Calamity Queen.....	66420	2	1	14	47	47	7	236.7	7,710	3.26	Frank R. Crandall,	Howell, Mich.	217

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Canary Longfield.....	3y. 1m. 3d.	16	7	328.0	13,819	4.21	W. S. Carpenter, Menominee, Mich.	102
Canary Longfield.....	3 1 3	11	14	633.5	27,125	4.28	W. S. Carpenter, Menominee, Mich.	102
Canary Mercedes Genevieve.....	4 4 2	15	7	358.7	13,633	3.80	F. B. Fargo, Lake Mills, Wis.	210
Canary's Mercedes Brightest.....	4 5 4	17	7	415.4	16,771	4.04	W. A. Mafeson, Utica, N. Y.	110
Canary Starlight Lassie B.....	3 10 21	10	7	356.5	14,018	3.93	George Rice, Tillsonburg, Ont., Can.	170
Canary Starlight Lassie B.....	3 10 21	7	21	1,049.0	41,036	3.91	George Rice, Tillsonburg, Ont., Can.	170
Carlofta E. Koningm.....	3 6 2	58	7	368.9	12,504	3.89	Charles Hunt, Delphi, N. Y.	60
Carlofta G's Knuumit.....	3 6 2	34	7	389.8	15,257	3.91	R. P. Kutschbach, Sherburne, N. Y.	215
Carlofta Hamilton.....	5 6 12	14	7	448.1	13,876	3.10	C. F. Hunt, Marlins, N. Y.	168
Carlofta Neerland Pieterje.....	7 6 10	55	7	446.0	12,401	2.78	D. J. Hinkley, South Brookfield, N. Y.	74
Carlofta Sonnet.....	3 6 2	42	7	369.9	11,125	3.01	D. J. Hinkley, South Brookfield, N. Y.	74
Carola of Sleepy Hollow.....	2 6 18	42	7	392.0	12,084	3.08	R. M. Hotaling, San Francisco, Cal.	478
Carren Wase De Kol.....	6 1 18	15	7	584.2	20,132	3.45	R. M. Hotaling, San Francisco, Cal.	47
Carren Wase De Kol.....	6 1 18	270	7	456.3	16,965	3.72	R. M. Hotaling, San Francisco, Cal.	47
Carren Wase De Kol.....	6 1 18	247	30	1,933.8	68,346	3.52	R. M. Hotaling, San Francisco, Cal.	497
Carren Wase De Kol.....	6 2 13	26	7	305.2	9,642	3.16	Wing R. Smith, Unadilla Forks, N. Y.	445
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Casrine Lyons 2d.....	3 11 5	12	7	365.5	15,511	4.24	John C. Doubt, Havelock, Neb.	140
Christina De Kol Pieterje.....	3 11 18	16	30	1,335.1	45,137	3.15	John C. Doubt, Havelock, Neb.	140
Christina De Kol Pieterje.....	4 7 18	6	30	372.5	13,441	4.04	E. C. Baill, Poughkeepsie, N. Y.	303
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Christmas Queen De Kol.....	3 11 28	33	7	507.4	15,642	3.38	Henry Stevens & Son, Randall Brothers, Lake Crystal, Minn.	22
Charabell Goudgeld.....	5 11 25	47	7	369.5	10,491	3.32	H. W. Hartshorn, Lake Crystal, Minn.	479
Clara J.....	3 0 2	12	7	482.6	16,018	3.32	G. F. Blewer, Tillsonburg, Ont., Can.	86
Clara Monti 3d.....	4 3 0	12	7	347.8	10,638	3.07	George Rice, Tillsonburg, Ont., Can.	423
Clela 2d.....	2 6 17	62	7	224.6	8,448	2.66	George Rice, Tillsonburg, Ont., Can.	498
Clifden Crowning Shield Expectation.....	1 6 22	42	7	104.5	6,360	3.87	George Rice, Tillsonburg, Ont., Can.	99
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Cloftide De Vries De Kol.....	4 4 11	29	30	470.8	13,526	2.87	George T. McNeil, San Francisco, Cal.	364
Cloftide Mercedes Tritonia.....	6 0 6	42	7	307.8	8,717	2.83	Charles D. Pierce, Utica, N. Y.	311
Cloftide Pearl De Kol 2d.....	2 4 8	10	7	374.8	12,562	3.35	W. A. Matreson, West Winfield, N. Y.	147
Cloftide Ruth.....	3 8 10	11	7	497.8	15,260	3.07	Don J. Wood, Rifton, N. Y.	465
Cloftide Spoford Queen.....	3 8 10	59	7	242.4	8,502	3.51	J. W. Dimick, Rifton, N. Y.	465
Cloftide Topsy Belle.....	2 2 9	19	7	415.9	13,323	3.20	J. W. Dimick, Rifton, N. Y.	465
Cloftide Vernon De Kol.....	2 2 9	22	7	1,719.5	55,717	3.24	G. W. Little, Sherburne, N. Y.	55
Cloftide Vernon De Kol.....	2 2 9	13	30	296.0	11,380	3.84	G. W. Little, Sherburne, N. Y.	498
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Coin King Bess.....	2 7 17	319	7	363.8	12,232	3.47	L. G. Legter, Rosendale, Wis.	372
Coin King Bess.....	4 4 20	87	7	639.5	16,316	2.59	L. G. Legter, Rosendale, Wis.	372
Colantha 4th's Johanna.....	1 1 9	26	10	318.4	8,251	2.55	Gillett & Son, Rosendale, Wis.	231
Colantha Mechtild.....	3 3 1	12	7	422.1	14,279	3.38	Gillett & Son, Rosendale, Wis.	231
Colantha 4th's Lass.....	3 1 12	17	7	369.8	14,159	3.83	George S. Loomis, Liverpool, N. Y.	488
Colanthus Queen Ideal.....	5 1 27	39	7	332.5	10,613	3.19	W. C. Hunt, Liverpool, N. Y.	220
Coloma De Kol Pieterje.....	2 10 27	24	7	326.8	44,101	3.23	H. H. Wickwire, Hubbardsville, N. Y.	322
Coloma De Kol Pieterje.....	2 10 27	10	30	1,366.8	44,101	3.23	H. H. Wickwire, Hubbardsville, N. Y.	321
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Comedia Soldene Artis.....	4 1 17	27	7	142.8	5,228	3.66	A. F. Cole, Morrisville Station, N. Y.	110
Concordia Aagtie Netherland.....	4 7 8	3	7	316.0	10,255	3.24	A. F. Cole, Morrisville Station, N. Y.	110
Copia Hengerveld 2d.....	2 0 16	7	7	316.0	10,255	3.24	A. F. Cole, Morrisville Station, N. Y.	110



Copia Hengerveld 21.....	64773	2	0	16	248	7	245.8	8,495	3.66	A. A. Cortelyou,	A. A. Cortelyou,	N. J.	499
Copia Johanna.....	54769	2	0	12	46	7	244.3	8,578	2.31	A. F. Cole,	Morrisville Station, N. Y.	N. Y.	87
Cora Dolly.....	58350	2	0	4	52	7	244.1	9,488	3.91	Rankin Brothers,	Brooklyn, Mass.	Mass.	291
Coral De Kol Belle.....	58713	2	1	2	33	7	252.9	11,384	4.72	W. H. Grenell,	Pierpont Manor, N. Y.	N. Y.	52
Coral De Kol Pet Marjorie.....	53102	2	10	23	33	7	259.0	11,386	4.01	W. H. Grenell,	Pierpont Manor, N. Y.	N. Y.	459
Coral De Kol S. Pet.....	50821	3	10	23	33	7	491.9	16,272	3.51	E. H. Knapp & Son,	Fabius, N. Y.	N. Y.	407
Cora M. De Kol.....	58251	3	1	0	33	7	295.3	10,443	3.53	Ira S. Jarvis,	Hartwick Seminary, N. Y.	N. Y.	136
Cornelia Pauline De Kol Calamity.....	58837	3	2	0	9	7	287.1	10,829	3.77	A. W. Brown,	Unadilla Forks, N. Y.	N. Y.	352
Corona Arturus.....	50906	4	0	28	36	7	386.4	12,626	3.27	Charles D. Pierce,	San Francisco, Cal.	Cal.	173
Countess Glammy Queen.....	67567	6	2	2	17	7	254.5	9,283	3.65	George Rice,	Tilsonburg, Ont., Can.	Can.	333
Countess Glase.....	50913	6	8	24	64	7	430.1	13,343	3.08	C. F. Hunt,	Manlius, N. Y.	N. Y.	245
Countess De Kol Bawn.....	68971	3	0	21	16	7	311.1	10,757	3.46	Wing K. Smith,	Syracuse, N. Y.	N. Y.	76
Countess Feldspar.....	57904	3	0	19	104	7	302.9	9,650	3.19	H. L. Bronson,	Cortland, N. Y.	N. Y.	299
Countess Pauline Paul.....	44254	6	10	6	58	7	499.7	15,389	3.08	E. C. Brill,	Poughquag, N. Y.	N. Y.	299
Countess Pauline Paul.....	44254	6	10	6	52	14	919.7	27,356	3.04	E. C. Brill,	Poughquag, N. Y.	N. Y.	256
Craddock Maid.....	68201	1	1	10	28	9	192.2	7,340	3.92	W. W. Cornwall,	South Wales, N. Y.	N. Y.	378
Craddock Maid.....	69243	1	1	10	28	9	282.9	10,238	3.62	W. A. Matteson,	Utica, N. Y.	N. Y.	378
Cristie Coto De Kol.....	59657	3	1	0	23	7	322.8	10,348	3.16	W. A. Matteson,	Utica, N. Y.	N. Y.	441
Croneke.....	42538	11	8	27	56	7	287.9	10,348	3.59	Jarvis Brothers,	Cooperstown, N. Y.	N. Y.	24
Crown Prince Colanthus 2d.....	59968	2	2	12	15	7	390.0	12,927	3.31	G. F. Blewer,	Weltonville, N. Y.	N. Y.	24
Daisy A. Mercedes 4th S De Kol.....	53641	5	2	12	15	7	327.3	10,155	3.10	Clarence H. Odell,	Cortland, N. Y.	N. Y.	271
Daisy A. Mercedes 5th.....	53642	5	2	18	13	7	494.0	15,148	3.07	M. H. Gardner,	Darien, Wis.	Wis.	236
Daisy B. M. De Kol.....	62232	1	24	10	7	7	419.2	15,282	3.65	M. H. Gardner,	Darien, Wis.	Wis.	166
Daisy B. M. De Kol.....	62232	1	20	24	7	7	330.6	11,767	3.56	M. H. Gardner,	Darien, Wis.	Wis.	235
Daisy B. M. Johanna.....	67410	2	1	9	29	7	419.2	15,282	3.65	M. H. Gardner,	Darien, Wis.	Wis.	235
Daisy Burke De Kol.....	43361	8	5	28	12	7	423.0	15,261	3.61	H. C. Swartout,	Hartwick Seminary, N. Y.	N. Y.	239
Daisy Clothilde De Kol Woodcrest.....	63826	2	1	4	12	7	277.8	10,486	3.77	J. W. Dimick,	Ri ton, N. Y.	N. Y.	442
Daisy Clothilde De Kol Woodcrest.....	63826	2	1	4	12	14	439.1	17,768	3.66	R. W. Dimick,	Ri ton, N. Y.	N. Y.	442
Daisy De Kol of Whittaker.....	61257	3	4	18	12	14	811.8	33,362	4.05	R. C. Reed,	Howell, Mich.	Mich.	342
Daisy De Kol of Whittaker.....	61257	3	4	18	12	14	439.1	17,768	4.05	R. C. Reed,	Howell, Mich.	Mich.	342
Daisy Fairview De Kol.....	57638	3	4	2	15	7	359.6	10,849	3.02	F. H. Thomson & Son,	Holland Patent, N. Y.	N. Y.	403
Daisy Fairview De Kol.....	57638	3	4	2	15	7	359.6	10,849	3.02	F. H. Thomson & Son,	Holland Patent, N. Y.	N. Y.	403
Daisy Fisher.....	49379	6	2	13	10	7	400.0	14,173	3.47	W. B. Smith & Son,	Columbus, Ohio	Ohio	328
Daisy Inka De Kol Vale.....	56148	4	1	13	21	7	224.2	7,493	3.34	M. S. Nye,	Preble, N. Y.	N. Y.	339
Daisy Lamb De Kol C.....	68699	4	1	10	28	7	423.6	13,382	3.30	H. F. Park,	Lacona, N. Y.	N. Y.	201
Daisy Mercedes Bryonia De Kol.....	57762	3	11	3	29	7	277.7	9,036	3.25	H. F. Park,	Elkhorn, Wis.	Wis.	427
Daisy Mercedes Lady De Kol.....	57762	3	11	3	29	7	361.6	10,805	2.99	M. H. Gardner,	Darien, Wis.	Wis.	166
Daisy Mercedes Johanna.....	53643	2	5	0	13	7	388.7	11,504	2.96	M. H. Gardner,	Darien, Wis.	Wis.	165
Daisy Mercedes Pietertje 2d.....	67411	2	0	7	12	7	525.7	17,430	3.32	M. H. Gardner,	Darien, Wis.	Wis.	234
Daisy Pietertje De Kol Johanna.....	67411	2	0	7	12	7	343.4	11,110	3.15	M. H. Gardner,	Darien, Wis.	Wis.	234
Daisy Pietertje De Kol Mercedes.....	53626	4	1	10	20	7	339.6	10,714	3.15	M. H. Gardner,	Darien, Wis.	Wis.	233
Daisy Pietertje Hartog.....	51349	4	5	6	14	7	322.7	11,070	3.43	A. A. Hartshorn,	Hamilton, N. Y.	N. Y.	48
Daisy Peoples.....	51349	4	5	6	14	7	418.4	15,585	3.72	C. F. Hunt,	Manlius, N. Y.	N. Y.	169
Daisy Shap.....	58044	3	8	19	36	7	348.1	12,743	3.66	Frank Breystor,	Elkhorn, Wis.	Wis.	150
Daisy Wit Barbetta.....	64175	2	0	16	24	7	246.0	8,173	3.32	A. C. Demerit & Son,	Lake Mills, Wis.	Wis.	499
Daisy Wit Barbetta.....	64175	2	0	16	24	7	246.0	8,173	3.32	A. C. Demerit & Son,	Lake Mills, Wis.	Wis.	499
Palinda Ellsage.....	56313	3	6	13	14	7	293.1	10,660	3.64	A. C. Demerit & Son,	Lake Mills, Wis.	Wis.	50
Day Dream of Sleepy Hollow.....	57005	3	10	14	13	7	393.7	12,820	3.26	R. M. Hotaling,	San Francisco, Cal.	Cal.	278
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De Kol Concordia.....	68893	5	9	20	19	7	288.0	9,189	3.19	E. E. Poole,	Lincklaen Center, N. Y.	N. Y.	410
De Kol De Jong.....	47052	5	9	20	19	7	362.0	15,106	3.62	World's Fair H. F. Association,	St. Louis, Mo.	Mo.	492
De Kol De Jong.....	47052	5	9	20	19	7	362.0	15,106	3.62	World's Fair H. F. Association,	St. Louis, Mo.	Mo.	492
De Kol De Jong.....	47052	5	9	20	19	120	6,233.2	227,101	4.35	World's Fair H. F. Association,	St. Louis, Mo.	Mo.	492
De Kol Douglas.....	50667	3	5	8	2	8	380.9	16,560	3.65	E. E. Randall,	Watertown, Wis.	Wis.	180
De Kol Douglas.....	59177	3	5	8	2	8	380.9	16,560	3.65	E. E. Randall,	Watertown, Wis.	Wis.	180
De Kol Gold Dust 2d.....	64430	2	6	23	155	7	276.2	9,818	3.37	O. J. Godfrey,	Pennellville, N. Y.	N. Y.	133
De Kol Grace Clothilde 2d.....	51325	6	0	23	7	7	255.5	8,616	3.37	O. J. Godfrey,	Pennellville, N. Y.	N. Y.	133
							450.1	17,291	3.84	E. H. Knapp & Son,	Fabius, N. Y.	N. Y.	437



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Name and H. B. Number of Cow	Age at Time of Calving	Days After Calving	Length of Record	Pounds of Milk	Pounds of Butter Fat	Average Per Cent Fat	Name and Address of Owner	Page
De Kol Grindetia 2d.....	5y.	21	7	398.9	12,142	3.04	J. W. Dimick,	390
De Kol Grindetia 2d.....	5y.	14	14	761.1	24,072	3.16	J. W. Dimick,	390
De Kol Hat Barmum Mechthilde.....	5y.	14	14	761.1	24,072	3.16	Rifton, N. Y.	390
De Kol Ideal Bess 2d.....	3	8	7	304.5	10,355	3.40	J. W. Dimick,	292
De Kol Hengerveld Belle.....	1	9	7	247.2	7,393	2.99	J. Fred Smith,	458
De Kol Hengerveld Belle.....	6	0	7	533.8	20,404	3.82	Byron, Mich.	338
De Kol Konigin Pauline.....	6	0	7	1,061.5	38,459	3.62	Pierrepont Manor, N. Y.	338
De Kol Longfield.....	7	15	14	575.0	18,641	3.24	Princeton, Mass.	419
De Kol Longfield.....	4	10	10	436.3	14,524	3.33	Stevens Brothers-Hastings Co.,	101
De Kol Madura Clothilde.....	4	10	10	875.1	27,107	3.10	Lacona, N. Y.	101
De Kol Madura Clothilde.....	4	5	14	883.0	14,480	3.78	Menominee, Mich.	386
De Kol Madura Clothilde.....	4	5	14	766.1	28,698	3.75	Kirkville, N. Y.	386
De Kol Mantel.....	4	5	21	177.3	40,966	3.80	Kirkville, N. Y.	396
De Kol Mantel.....	4	5	21	434.7	12,297	2.83	Morristown, N. Y.	45
De Kol Mechthilde.....	4	10	1	305.5	16,418	2.94	White Bear Lake, Minn.	490
De Kol Mechthilde.....	4	10	1	507.8	9,689	3.17	White Bear Lake, Minn.	490
De Kol Mechthilde Longfield.....	4	7	7	493.2	20,154	3.22	T. S. Tompkins,	192
De Kol Netherland Parthena.....	3	1	25	292.0	10,575	3.62	E. C. Petrie,	407
De Kol Nettie Wayne.....	3	0	7	348.7	10,873	3.12	Earlton, N. Y.	212
De Kol of Valley Mead.....	3	4	7	577.5	18,680	3.23	W. D. Robens,	122
De Kol of Valley Mead.....	3	4	7	321.9	77,160	3.32	Cold Brook, N. Y.	122
De Kol Paul Concordia.....	5	18	7	501.2	14,846	2.96	San Francisco, Cal.	340
De Kol Paul Concordia.....	5	18	7	960.9	28,396	2.96	San Francisco, Cal.	340
De Kol Paul Sadie Vale.....	2	1	14	274.9	10,209	3.11	Preble, N. Y.	340
De Kol 2d's Alban's Echo.....	2	1	7	444.6	13,251	3.00	Preble, N. Y.	121
De Kol 2d's Alban's Echo.....	10	6	7	428.8	14,351	3.27	San Francisco, Cal.	18
De Kol 2d's Paul De Kol's Carlotta.....	4	1	17	404.7	12,292	3.44	Syracuse, N. Y.	399
De Kol Witkop Wayne.....	5	11	7	395.1	15,635	3.35	Sherburne, N. Y.	55
De Kol Witkop Wayne.....	5	11	7	890.7	30,367	3.59	Pierrepont Manor, N. Y.	458
De Kol Witkop Wayne 2d.....	3	0	15	362.8	17,337	3.44	Pierrepont Manor, N. Y.	52
De Gel 3d.....	2	4	7	1,012.1	11,295	3.11	Pierrepont Manor, N. Y.	391
De Gel 3d.....	2	4	7	242.0	9,969	3.16	Rifton, N. Y.	391
De Gel 3d.....	2	4	7	428.8	12,693	3.18	J. W. Dimick,	26
De Mar 3d's Torelight.....	2	4	7	257.4	10,041	3.30	H. B. Davies,	273
Derry Belle.....	2	4	7	375.0	12,746	3.40	Eastern Michigan Asylum,	263
De Vries De Kol Hengerveld.....	2	1	7	352.1	10,090	2.87	Stevens Brothers-Hastings Co.,	103
De Vries De Kol Hengerveld.....	2	1	7	989.7	28,281	2.86	Stevens Brothers-Hastings Co.,	103
Dichter's Almena.....	8	11	21	331.0	11,138	3.36	O. J. Godfrey,	499
Dichter's Almena.....	8	11	21	274.8	8,889	3.23	O. J. Godfrey,	372
Dinah's Almena De Kol.....	5	0	7	407.0	14,207	3.49	S. B. Jones & Son,	158
Dinah's Almena De Kol.....	5	0	7	332.4	13,856	4.17	C. F. Hunt,	312
Dina 4th.....	2	10	3	431.2	25,643	4.06	C. F. Hunt,	312
Dirkje Pel.....	2	9	14	681.0	13,517	3.14	T. A. Mitchell,	431
Dirkje Pel.....	2	9	14	1,749.6	52,959	3.03	T. A. Mitchell,	431
Dora Clothilde De Kol.....	6	4	7	382.6	12,831	3.35	Gardner & Misner,	212
Dora Dean Inka Pieterle.....	4	9	7	471.3	14,668	3.11	W. A. Carr,	153
Dora De Kol Hengerveld.....	4	9	7	483.6	16,452	3.40	Henry Stevens & Son,	131
Dora De Kol Hengerveld.....	4	9	7	977.6	32,195	3.29	Henry Stevens & Son,	131
Dora Dot.....	4	6	14	467.4	14,276	3.05	M. S. Nye,	122
Dora Dot Onomis.....	4	8	14	478.3	12,406	2.59	M. S. Nye,	121
Dora Ormsby.....	3	0	7	478.3	11,579	4.35	A. N. McGeech,	109
Dora Ormsby.....	3	0	7	1,456.3	46,924	3.22	A. N. McGeech,	109
Dora Pieterle Hengerveld De Kol.....	3	4	30	388.9	11,677	3.00	C. F. Hunt,	59

Dorinda De Kol 2d.....	54882	5	4	9	75	7	30	406.5	12,719	3,12	World's Fair H. F. Association,	St. Louis, Mo.	490
Dorinda De Kol 2d.....	54882	5	4	9	76	7	30	1,559.6	47,858	3,07	World's Fair H. F. Association,	St. Louis, Mo.	490
Dorinda De Kol 2d.....	54882	5	4	9	76	120	7	5,659.0	180,998	3,20	World's Fair H. F. Association,	St. Louis, Mo.	490
Dorothy Johanna.....	60722	2	8	27	76	147	7	403.7	13,198	3,27	H. D. Roe,	Augusta, N. J.	193
Dot Monarch De Kol.....	61550	2	11	20	147	7	7	317.0	9,650	3,04	M. S. Nye,	Freble, N. Y.	340
Dotty Cool.....	61857	2	23	23	75	7	7	311.9	8,939	2,87	R. M. Hotaling,	San Francisco, Cal.	194
Douwe Pieter.....	69951	2	0	8	75	7	7	316.0	9,601	3,04	M. S. Nye,	Manlius, N. Y.	58
Drogio Mollie.....	61274	4	2	14	13	7	7	384.2	13,079	3,40	C. F. Hunt,	Manlius, N. Y.	340
Drogiu Mollie.....	61274	4	2	14	13	7	7	384.2	13,079	3,40	C. F. Hunt,	Manlius, N. Y.	340
Duchess Bryonia.....	62673	2	2	15	15	14	7	299.4	8,647	2,89	T. S. Tompkins,	White Bear Lake, Minn.	45
Duchess De Dikert.....	54602	4	4	17	30	7	30	303.7	13,083	3,61	F. W. Allen,	Madison, Wis.	115
Duchess Hengerveld De Kol.....	58178	3	1	26	11	30	60	1,353.0	49,537	3,66	A. N. McGeech,	Milwaukee, Wis.	108
Duchess Ormsby 21's Queen.....	48317	5	6	26	43	60	7	3,171.5	129,566	4,09	A. N. McGeech,	Milwaukee, Wis.	108
Duchess Piche De Kol.....	52348	5	3	18	43	60	7	601.7	18,668	3,10	W. A. Matteson,	Utica, N. Y.	348
Duchess Piche De Kol.....	52348	5	3	18	43	60	7	2,336.4	74,493	3,19	W. A. Matteson,	Utica, N. Y.	348
Duchess Piche De Kol.....	52348	5	3	18	26	30	7	4,452.4	140,597	3,16	W. A. Matteson,	Utica, N. Y.	348
Dulce Aagrie Inka.....	44168	6	6	23	178	7	7	391.7	13,896	3,57	McKay Brothers,	Buckingham, Iowa	54
Dulce Aagrie Inka.....	44168	6	6	23	176	14	7	761.7	26,437	3,45	McKay Brothers,	Buckingham, Iowa	54
Dutchland Belle.....	58715	2	9	9	14	7	7	381.0	12,406	3,26	Henry Stevens & Son,	Buckingham, Iowa	54
Eagle Grotton 3d.....	42077	8	9	26	9	7	7	419.1	12,099	2,89	T. S. Tompkins,	Lacona, N. Y.	53
Eagle Johanna De Kol.....	61165	2	11	22	7	7	7	309.6	11,620	3,75	John B. Irwin,	White Bear Lake, Minn.	296
Echo Colanthal De Kol.....	61666	3	0	24	94	7	7	333.1	11,546	3,47	John B. Irwin,	Minneapolis, Minn.	264
Echo Colanthal De Kol.....	64366	2	4	28	19	7	7	304.1	9,971	3,35	R. E. Coe,	Minneapolis, Minn.	265
Edith Clothilde De Kol.....	64366	2	4	28	15	14	7	581.0	19,213	3,31	R. E. Coe,	Kirkville, N. Y.	387
Edith Grace De Kol.....	64005	3	10	15	21	7	7	398.9	10,633	3,05	Estate of Elba S. Talbot,	Kirkville, N. Y.	387
Edith Prescott De Kol.....	44886	6	4	19	270	7	7	410.5	14,257	2,62	A. W. Brown,	Unadilla Forks, N. Y.	29
Edith Prescott De Kol.....	44886	6	4	19	267	7	7	808.9	27,397	3,47	Henry Stevens & Son,	Lacona, N. Y.	500
Edith Prescott De Kol 2d.....	52073	4	5	12	254	14	7	325.4	10,380	3,41	Henry Stevens & Son,	Lacona, N. Y.	500
Edith Prescott De Kol 2d.....	52073	4	5	12	254	14	7	681.8	20,626	3,03	Henry Stevens & Son,	Lacona, N. Y.	500
Eleanor Ladyvine.....	51563	5	11	15	21	7	7	353.6	14,103	3,68	R. P. Kutschbach,	Sherburne, N. Y.	414
Elgin Belle 8th.....	50160	5	10	9	8	14	7	827.7	13,874	3,25	O. U. Kellogg,	Cortland, N. Y.	190
Elsie Aagrie Netherland.....	59921	3	1	0	3	14	7	367.0	10,156	3,19	C. F. Hunt,	Cortland, N. Y.	190
Elva Colanthal De Kol.....	66838	2	4	0	17	7	7	276.8	9,574	4,29	F. B. Fargo,	Lacone, N. Y.	243
Elzevree Barnum Meethilde.....	69763	2	7	0	17	7	7	427.1	13,397	3,75	Frank R. Crandal,	Lake Mills, Wis.	286
Emma Wayne 2d.....	71321	6	7	5	25	7	7	332.1	12,222	3,59	George Rice,	Tillsburg, Ont., Can.	217
Emperor Volena 2d.....	52588	6	7	5	3	7	7	340.6	12,222	3,59	George Rice,	Tillsburg, Ont., Can.	217
Entre Noo.....	61858	2	2	14	14	7	7	415.9	12,441	3,01	R. M. Hotaling,	San Francisco, Cal.	46
Esther Clothilde Pride.....	53161	2	8	20	9	7	7	315.0	10,961	3,48	R. M. Hotaling,	Traverse City, Mich.	309
Esther Piche De Kol 2d.....	63071	2	1	9	11	7	7	487.5	13,486	2,77	E. J. Tefft,	San Francisco, Cal.	278
Ethel Butterfly.....	63072	2	12	12	76	7	7	324.4	9,225	2,84	E. J. Tefft,	Earlville, N. Y.	350
Ethel Prille.....	63072	2	8	12	76	7	7	273.6	9,261	3,31	S. B. Jones & Son,	Watertown, Wis.	422
Etha Pauline De Kol.....	52539	2	2	25	43	7	7	344.9	11,042	3,20	Rankin Brothers,	Brookton, Mass.	397
Eubala Clothilde.....	52539	2	2	25	43	7	7	253.8	9,265	3,65	B. W. Potter & Son,	Rutland, Mass.	291
Emrice Clay Agnes.....	63443	4	3	20	103	7	7	424.3	13,475	3,17	A. A. Cortelyou,	Neshanic, N. J.	257
Fall Breced Duval.....	48846	2	0	10	105	7	7	256.5	8,408	3,28	F. S. Wells,	South Montrose, Pa.	216
Farmstead Raphaella.....	74310	6	4	25	18	7	7	387.1	12,567	3,25	George Rice,	Tillsburg, Ont., Can.	216
Favorite Pauline De Kol.....	74062	3	11	16	41	7	7	351.9	11,781	3,35	Frank Brewster,	Elkhorn, Wis.	151
Favorite Pauline De Kol.....	74062	3	11	16	35	7	7	317.5	13,927	4,39	Bradley Fuller,	Utica, N. Y.	316
Favorite Pauline De Kol.....	74062	3	11	16	28	7	7	630.0	26,851	4,26	E. C. Brill,	Poughkeag, N. Y.	303
Feikje.....	71132	8	0	7	7	7	7	913.2	39,813	4,36	E. C. Brill,	Poughkeag, N. Y.	303
Femur Inka 2d.....	49539	5	7	25	23	7	7	441.9	12,308	2,79	J. W. Dumick,	Rilton, N. Y.	398
Fleta May De Kol.....	55114	5	0	25	23	7	7	430.0	11,855	2,94	John B. Irwin,	Minneapolis, Minn.	265
Flora Belle Piereetje 2d.....	58184	3	7	24	26	7	7	361.3	12,869	3,56	W. A. Waite & Son,	Adams, N. Y.	470
Flora Belle Piereetje 2d.....	58184	3	7	24	26	7	7	440.3	12,735	2,89	A. N. McGeech,	Milwaukee, Wis.	484
Flora Brank 4th.....	65336	2	5	2	24	7	7	1,762.3	52,289	2,97	A. N. McGeech,	Milwaukee, Wis.	484
Flora Summers.....	61724	3	0	18	44	7	7	1,156.5	38,254	3,31	T. A. Mitchell,	Weedsport, N. Y.	429
Flora Summers.....	61724	3	0	18	44	7	7	261.2	9,798	3,75	A. C. Demerit & Son,	Lake Mills, Wis.	273



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Name and H. B. Number of Cow	Age at Time of Calving	Days After Calving	Length of Record	Pounds of Milk	Pounds of Butter Fat	Average Per Cent Fat	Name and Address of Owner	Page
Florence Barrington De Kol.....66980	9	5	24	392.6	13.998	3.57	W. L. Keyes, Deerfield, N. Y.	194
Florence.....56336	4	2	9	398.7	14.541	3.65	W. W. Cheney, Manlius, N. Y.	415
Flossy Lamb Pietertje.....44017	4	7	13	363.0	12.194	3.36	H. D. Roe, Augusta, N. J.	192
Frances De Kol of Lakeside.....57206	4	4	23	390.0	12.919	3.31	F. W. Allis, Madison, Wis.	360
Frances De Kol of Lakeside.....57206	4	4	23	1,630.6	52.669	3.23	F. W. Allis, Madison, Wis.	360
Frankie Ormsby.....64354	2	2	7	314.4	10.078	3.21	A. N. McGeoch, Milwaukee, Wis.	106
Frankie Ormsby.....64354	2	2	7	1,256.1	39.868	3.17	A. N. McGeoch, Milwaukee, Wis.	106
Frankie Mercedes De Kol.....66201	3	2	10	403.0	11.855	2.94	John M. Howard, Sherburne, N. Y.	214
Franktie 2d's Maid 2d.....63565	2	0	11	306.1	10.275	3.36	E. E. Randall, Watertown, Wis.	31
Freneata Hengerveld De Kol.....60350	2	4	27	335.8	12.970	3.50	Wing R. Smith, Syracuse, N. Y.	51
Friend Inka Wayne.....69778	1	0	17	226.1	7.954	3.86	T. A. Mitchell, Weedsport, N. Y.	429
Friend Inka Wayne.....69778	1	0	17	226.1	7.954	3.86	T. A. Mitchell, Weedsport, N. Y.	429
Gassterlander 4th.....70873	1	0	18	441.5	15.056	3.41	T. A. Mitchell, Lacona, N. Y.	114
Galatia Echo De Kol.....58207	4	1	18	209.3	7.528	3.60	Henry Stevens & Son, Weltonville, N. Y.	467
Gaza Acorneth Pietertje B.....63421	4	1	21	751.5	14.101	3.70	G. F. Blewer, Weltonville, N. Y.	467
Gazelle Pietertje De Kol.....73156	2	2	19	297.4	26.647	3.55	G. F. Blewer, Oak Grove, Mich.	342
Gazelle Pietertje De Kol.....73156	2	2	19	263.7	8.430	3.14	John W. Worthington, Streator, Ill.	241
Genesee Abbecker.....56431	3	2	2	223.8	7.842	3.50	A. J. Daugherty, Streator, Ill.	240
Genesee Abbecker.....56441	3	4	17	381.3	11.807	3.10	Mekay Brothers, Buckingham, Iowa	67
Genesee Abbecker.....56441	3	4	17	381.3	11.807	3.10	Mekay Brothers, Buckingham, Iowa	67
Genesee Beauty.....63601	3	4	17	383.1	11.195	3.36	Mekay Brothers, Buckingham, Iowa	67
Genesee Beauty.....63601	3	4	17	749.1	23.054	3.08	Mekay Brothers, Buckingham, Iowa	67
Genesee Beauty.....63601	2	1	24	415.5	12.629	3.04	Mekay Brothers, Buckingham, Iowa	68
Genesee Beauty.....63601	2	1	24	404.1	12.244	3.03	Mekay Brothers, Buckingham, Iowa	68
Genesee Beauty.....63601	2	1	24	1,772.5	51.410	2.90	Mekay Brothers, Buckingham, Iowa	68
Genesee Belle.....38306	9	11	17	2,061.2	59.471	2.89	Mekay Brothers, Buckingham, Iowa	90
Genesee Belle.....38306	9	11	17	1,970.6	67.507	3.47	Mekay Brothers, Buckingham, Iowa	90
Genesee Hengerveld.....63600	2	0	7	1,479.0	48.106	3.33	Mekay Brothers, Buckingham, Iowa	90
Genesee Hengerveld.....63600	2	0	7	1,374.2	35.568	3.63	Mekay Brothers, Buckingham, Iowa	90
Genesee Hengerveld.....63600	2	0	7	1,501.7	55.997	3.55	Mekay Brothers, Buckingham, Iowa	90
Genie Clothilde.....48037	5	8	7	2,530.4	89.410	3.55	Mekay Brothers, Buckingham, Iowa	90
Gentle 2d.....70963	5	8	7	352.9	17.248	3.29	W. W. Cheney, Manlius, N. Y.	227
Gerben Abbecker Parthena.....46360	8	8	24	455.9	17.555	3.86	W. W. Cheney, Manlius, N. Y.	227
Gerben Maid Meethilde.....65201	3	1	21	380.9	12.388	3.35	W. E. Schell, Woodstock, Ont., Can.	72
Gerbens 7th.....72541	3	1	15	381.3	12.388	3.35	W. E. Schell, Woodstock, Ont., Can.	72
Gerber Calamity.....70771	6	9	3	411.2	13.265	3.23	John C. Doebt, Haverlock, Neb.	140
Gerber Calamity.....70771	6	9	3	380.9	12.388	3.35	John C. Doebt, Haverlock, Neb.	140
Gerster De Kol Hengerveld.....63447	2	2	1	362.5	10.407	3.44	Charles D. Pierce, Woodstock, Ont., Can.	347
Gerster Ida Monk 2d.....54634	3	1	3	362.5	10.407	3.44	W. E. Schell, Woodstock, Ont., Can.	72
Gertrude Jess De Kol.....38516	3	3	11	359.0	12.423	3.23	W. E. Schell, Woodstock, Ont., Can.	72
Gertie M. 3d.....62127	2	2	5	258.4	7.836	3.46	Wing R. Smith, Syracuse, N. Y.	105
Gewina Beauty Bell.....48167	6	7	11	435.1	16.431	3.04	W. R. Jones, Watertown, Wis.	75
Gewina Beauty Bell.....48167	6	7	11	435.1	16.431	3.04	W. R. Jones, Watertown, Wis.	75
Gewina 2d's Lilly 2d.....50670	4	4	4	308.1	64.994	3.78	E. E. Randall, Watertown, Wis.	181
Gewina Lilly Princess.....63555	9	2	4	303.9	11.498	3.59	E. E. Randall, Watertown, Wis.	500
Gladys Pauline.....39744	2	4	25	303.7	10.783	3.55	E. E. Randall, Watertown, Wis.	178
Glen De Kol Artis 2d.....48806	6	9	11	470.8	12.837	2.73	H. D. Kistley, Earlville, N. Y.	351
Glen Rose De Kol.....48806	6	9	12	567.0	19.326	3.41	S. B. Jones & Son, Watertown, Wis.	41
Glen Rose De Kol.....48806	6	9	12	567.0	19.326	3.41	S. B. Jones & Son, Watertown, Wis.	41
Glista Iota.....58202	2	6	29	270.3	74.987	3.33	W. A. Matreson, Utica, N. Y.	460
Glista Iota.....58202	2	6	29	270.3	74.987	3.33	W. A. Matreson, Utica, N. Y.	460
Glista Theta.....58201	2	6	29	243.6	7.424	3.59	Cornell University, Ithaca, N. Y.	501
Glista Theta.....58201	2	6	29	243.6	7.424	3.59	Cornell University, Ithaca, N. Y.	501

Grace De Kol 2d.....	54789	3	4	29	23	7	415.1	14.507	3.49	A. W. Brown,	Unadilla Forks, N. Y.
Grace Fayne 2d.....	44124	7	2	25	42	14	677.0	21.039	3.11	S. B. Jones & Son,	Watertown, Wis.
Grace Fayne 2d.....	44124	7	2	25	42	14	1,331.0	40.372	3.03	S. B. Jones & Son,	Watertown, Wis.
Grace Fayne 2d's Girl.....	58642	3	7	10	36	7	341.3	12.372	3.62	E. H. Jones & Son,	Watertown, Wis.
Grace Greenwood.....	25316	14	3	9	13	7	435.4	12.887	2.96	Fabius, N. Y.	Fabius, N. Y.
Gracia Ward 2d.....	58645	3	9	8	44	14	551.9	18.431	3.34	Knapp & Son,	Lacona, N. Y.
Gracia Ward 2d.....	58645	3	9	8	44	14	1,085.0	35.911	3.31	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Gracia Ward 2d.....	58645	3	9	8	44	14	2,257.3	75.401	3.34	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Grace Pieterje Pauline De Kol.....	42845	3	9	17	15	30	455.2	16.854	3.70	Henry Stevens & Son,	Lacona, N. Y.
Grace Pieterje Pauline De Kol.....	42845	3	9	17	15	30	927.3	32.882	3.55	Henry Stevens & Son,	Lacona, N. Y.
Grace Pieterje Pauline De Kol 3d.....	61837	7	2	17	12	14	926.4	31.516	3.63	Henry Stevens & Son,	Lacona, N. Y.
Grace Pieterje Pauline De Kol 3d.....	61837	7	2	17	12	14	632.2	22.480	3.56	Henry Stevens & Son,	Lacona, N. Y.
Grace Pieterje Pauline De Kol.....	61837	7	2	17	13	14	403.7	12.710	3.15	M. H. Gardner,	Darien, Wis.
Gudulje Gerben.....	65003	4	9	18	51	30	473.8	15.669	3.31	McKay Brothers,	Buckingham, Iowa
Gudulje Gerben.....	65003	4	9	18	51	30	2,039.7	65.206	3.20	McKay Brothers,	Buckingham, Iowa
Gudulje Gerben.....	65003	4	9	18	51	30	2,727.2	86.556	3.17	McKay Brothers,	Buckingham, Iowa
Hannan Melchor 2d.....	51293	5	8	1	14	24	421.4	14.506	3.44	W. S. Schell,	Woodstock, Ont. Can.
Hark.....	4355	18	10	21	16	7	500.0	13.235	2.65	A. Ziegert,	Forestville, N. Y.
Hartog De Kol Belle.....	60650	3	5	14	11	7	359.9	11.737	3.14	F. S. Robinson,	Forestville, N. Y.
Hartog De Kol Belle.....	60650	3	5	14	11	7	842.0	26.732	3.17	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Hartog De Kol Belle.....	60650	3	5	14	11	7	1,253.4	39.446	3.15	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Hartog Mercedes De Kol.....	67436	1	11	17	17	21	236.5	8.814	3.73	F. B. Farro,	Lacona, N. Y.
Hartog Netherlands Inka Pieterje.....	44781	6	9	21	6	30	455.8	16.421	3.60	W. A. Matteson,	Lake Mills, Wis.
Hartog Netherlands Inka Pieterje.....	44781	6	9	21	6	30	1,941.1	63.968	3.30	W. A. Matteson,	Lake Mills, Wis.
Hartog Pieterje Johanna.....	64771	2	0	12	7	7	256.1	11.496	3.92	A. F. Cole,	Utica, N. Y.
Hartog Pieterje Johanna.....	64771	2	0	12	7	7	1,485.4	46.369	3.12	A. F. Cole,	Utica, N. Y.
Hartog Pieterje Johanna.....	64771	2	0	12	7	7	971.8	30.501	3.86	A. A. Corleyou,	Utica, N. Y.
Hartog Pieterje Johanna.....	64771	2	0	12	7	7	259.0	9.077	3.91	A. A. Corleyou,	Utica, N. Y.
Hartog Pieterje Johanna.....	64771	2	0	12	7	7	359.3	11.322	3.14	H. D. R.,	Utica, N. Y.
Hartog Queen De Kol.....	60720	3	5	8	11	7	568.8	17.522	3.08	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Hattie Pieterje De Kol.....	57074	4	0	17	10	14	1,164.4	34.445	2.96	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Hattie Pieterje De Kol.....	57074	4	0	17	10	14	1,791.0	51.076	2.96	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Hattie Pieterje De Kol.....	57074	4	0	17	10	14	1,791.0	51.076	2.96	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Hegstra Pieterje Johanna.....	64916	2	1	29	7	7	263.8	10.026	3.18	A. F. Cole,	Lacona, N. Y.
Heeringa De Pauline.....	65935	3	6	8	18	7	421.8	11.789	3.53	O. U. Kellogg,	Neshanic, N. J.
Heeringa De Pauline.....	65935	3	6	8	18	7	849.8	23.234	2.73	O. U. Kellogg,	Neshanic, N. J.
Heilo Aggie Johanna 2d.....	50739	4	3	25	26	14	297.3	10.705	3.59	E. E. Randall,	Watertown, Wis.
Heilo Aggie Johanna 3d.....	55020	4	3	23	6	7	333.3	12.272	3.08	E. E. Randall,	Watertown, Wis.
Heilo Oak Burke.....	63554	4	2	13	8	7	244.5	8.167	3.34	E. E. Randall,	Watertown, Wis.
Heilo Oak Burke.....	63554	4	2	13	8	7	329.4	11.090	3.37	W. H. Jones,	Watertown, Wis.
Heilo Queen De Kol.....	63951	2	2	9	13	10	309.7	12.476	4.03	Charles D. Pierce,	Watertown, Wis.
Helena Burke Butter Cup.....	54498	4	4	0	20	7	418.0	12.817	3.06	Henry Stevens & Son,	Lacona, N. Y.
Helena Burke De Kol 2d.....	40645	8	8	17	13	7	424.9	15.758	3.70	Henry Stevens & Son,	Lacona, N. Y.
Helena Burke De Kol 4th.....	48850	6	0	22	26	7	439.7	15.631	3.55	Henry Stevens & Son,	Lacona, N. Y.
Helena Petrovina Modjeska.....	52008	4	11	23	14	7	528.0	14.770	2.80	R. M. Hotaling,	Lacona, N. Y.
Helena Petrovina Modjeska.....	52008	4	11	23	14	7	2,095.6	60.291	2.88	R. M. Hotaling,	Lacona, N. Y.
Hengerveld De Kol Pieterje.....	52008	4	4	11	23	42	377.1	13.011	3.45	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Hengerveld Duchess De Kol 2d.....	53425	5	3	27	16	7	469.8	16.284	3.47	Knapp & Pierce,	Lacona, N. Y.
Hengerveld Pauline 2d.....	53146	7	0	25	90	7	443.1	14.287	3.22	World's Fair H. F. Association,	St. Louis, Mo.
Hengerveld Pauline 2d.....	53146	7	0	25	90	7	1,622.9	51.087	3.15	World's Fair H. F. Association,	St. Louis, Mo.
Hesseltje 3d.....	32787	12	0	26	12	7	373.2	12.641	3.39	Eastern Michigan Asylum,	Pontiac, Mich.
Hesseltje 4th.....	41848	8	8	22	41	7	404.0	14.349	3.55	Eastern Michigan Asylum,	Pontiac, Mich.
Hefje Vernon De Kol.....	52516	4	4	11	28	7	439.3	14.535	3.31	John C. Sharpe,	Blairtown, N. J.
Hilda Queen.....	61636	3	2	8	19	7	341.7	11.567	3.39	Mrs. H. H. Welch,	Earlville, N. Y.
Hilside Alexander.....	75652	6	9	28	47	7	279.2	9.044	3.24	Lamb Brothers,	Earlville, N. Y.
Hilside Alma.....	75651	7	9	28	48	7	441.2	13.825	3.13	J. N. Conyngham,	Wilkes Barre, Pa.
Hilside Alma.....	75651	7	9	28	48	7	465.8	15.123	3.25	J. N. Conyngham,	Wilkes Barre, Pa.



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Name and H. B. Number of Cow	Age at Time of Calving	Days After Calving	Length of Record	Pounds of Milk	Pounds of Butter Fat	Average Per Cent Fat	Name and Address of Owner	Page
Hillside Duchess.....	9y. Om. 28d.	39	7	395.1	13.863	3.51	J. N. Conyngham, Wilkes Barre, Pa.	455
Hillside Lita.....	8 10 24	17	7	554.4	19.807	3.57	J. N. Conyngham, Wilkes Barre, Pa.	457
Hillside Mabel.....	5 11 14	52	7	382.5	13.095	3.42	J. N. Conyngham, Wilkes Barre, Pa.	457
Hillside Mary.....	8 17 84	84	7	453.5	14.841	3.27	J. N. Conyngham, Wilkes Barre, Pa.	456
Hillside Minerva.....	5 9 22	58	7	492.3	14.906	3.03	J. N. Conyngham, Wilkes Barre, Pa.	456
Hillside Molly.....	11 4 11	82	7	413.6	14.147	3.42	J. N. Conyngham, Wilkes Barre, Pa.	455
Hillside Rebecca.....	4 9 10	37	7	438.9	14.961	3.41	J. N. Conyngham, Wilkes Barre, Pa.	454
Holligen Pride.....	4 9 23	19	7	309.1	10.281	3.33	T. S. Tompkins, White Bear Lake, Minn.	186
Homestead Aggie De Kol.....	4 1 14	7	7	434.3	17.943	4.13	F. H. Matteson, Utica, N. Y.	81
Homestead Belle De Kol Netherland.....	3 4 20	12	7	307.7	11.088	3.60	F. H. Matteson, Holland Patent, N. Y.	403
Homestead Boon De Kol.....	4 4 0	15	7	404.3	16.491	4.08	H. A. Roe, Augusta, N. Y.	236
Homestead Craddock De Kol.....	4 10 7	11	7	516.9	17.265	3.34	W. A. Matteson, Utica, N. Y.	82
Homestead Craddock De Kol.....	4 10 7	11	14	1,000.3	34.392	3.44	W. A. Matteson, Utica, N. Y.	82
Homestead De Kol of Lake Side.....	2 2 14	32	7	259.5	8.073	3.11	Joel H. Hatwole, Northfield, Minn.	209
Homestead Gem Pauline De Kol.....	5 11 28	51	30	644.0	20.158	3.13	W. A. Matteson, Utica, N. Y.	486
Homestead Gem Pauline De Kol.....	5 11 28	28	30	2,618.6	78.913	3.01	W. A. Matteson, Utica, N. Y.	486
Homestead Gem Pauline De Kol.....	5 11 28	26	7	481.1	15.472	3.22	W. A. Matteson, Utica, N. Y.	355
Homestead Gem Sadie De Kol.....	3 7 19	30	7	1,889.5	63.690	3.37	W. A. Matteson, Utica, N. Y.	355
Homestead Gem Sadie De Kol.....	3 7 19	18	7	533.6	21.027	3.34	H. D. Roe, Augusta, N. Y.	228
Homestead Girl De Kol.....	5 10 13	18	7	432.9	14.693	3.39	W. A. Matteson, Utica, N. Y.	98
Homestead Heroine De Kol.....	1 24 6	17	7	484.2	16.132	3.33	W. A. Matteson, Utica, N. Y.	355
Homestead Queen De Kol.....	8 0 6	10	30	2,040.7	66.067	3.24	W. A. Matteson, Utica, N. Y.	355
Homestead Queen De Kol.....	8 0 6	10	30	2,040.7	66.067	3.24	George Rice, Tillsonburg, Ont., Can.	85
Honwtje J. P. Inka Paul.....	4 0 17	106	7	225.8	11.348	3.66	R. C. Reed, Howell, Mich.	203
Hulda Canary Jane.....	2 0 10	75	7	258.9	15.860	3.05	R. C. Reed, Howell, Mich.	203
Hulda Canary Jane.....	2 0 10	68	17	508.4	17.277	3.04	R. C. Reed, Howell, Mich.	205
Hulda G.....	6 8 22	66	7	428.3	14.609	3.41	R. C. Reed, Howell, Mich.	205
Hulda G.....	6 8 22	61	14	825.0	27.907	3.39	R. C. Reed, Howell, Mich.	203
Huntress C.....	3 11 11	49	7	374.7	11.809	3.15	R. C. Reed, Howell, Mich.	203
Huntress C.....	3 11 11	42	14	736.4	22.910	3.03	R. C. Reed, Howell, Mich.	203
Huntress C.....	3 11 11	42	14	736.4	22.910	3.03	R. C. Reed, Howell, Mich.	204
Huntress Last.....	3 0 22	9	7	318.2	11.765	3.70	R. C. Reed, Howell, Mich.	204
Ianthe Jewel Meethilde.....	6 0 27	49	7	503.0	22.117	4.40	James Rettie, Norwich, Ont., Can.	240
Idaline Pauline De Kol.....	4 2 26	49	7	432.2	12.117	3.32	John M. Howard, Sherburne, N. Y.	214
Idol Wild Rose.....	4 1 15	9	7	370.6	11.178	3.16	Charles D. Pierce, San Francisco, Cal.	128
Ignareta De Kol.....	2 8 15	33	7	254.7	9.849	3.87	E. E. Randall, Watertown, Wis.	179
Ignareta De Kol.....	2 8 15	33	7	507.0	16.889	3.33	Charles D. Pierce, San Francisco, Cal.	344
Imperial Maid De Kol.....	2 3 8	17	7	276.3	10.454	3.78	Charles D. Pierce, San Francisco, Cal.	253
Ina Woodcrest De Kol.....	4 3 18	17	7	230.3	8.470	3.68	Lamb Brothers, East Hamilton, N. Y.	31
Indi Surprise De Kol.....	4 3 18	14	7	481.9	16.948	3.52	J. W. Dimick, Rifton, N. Y.	389
Indulge De Kol.....	2 9 4	11	7	2,028.9	65.578	3.23	J. W. Dimick, Rifton, N. Y.	389
Inka Akkrumess.....	9 11 15	39	7	296.6	9.415	3.17	F. W. Allis, Brattleboro, Vt.	272
Inka Akkrumess 2d's Queen.....	6 11 15	6	7	349.7	13.708	3.92	Brattleboro Retreat Farm, Brattleboro, Vt.	118
Inka Hengerveld De Kol.....	10 6 18	67	7	443.8	15.965	3.60	J. Rust, West Allis, Wis.	285
Inka Hengerveld De Kol.....	2 2 5	18	7	368.0	12.113	3.29	Eastern Michigan Asylum, East Lansing, Mich.	261
Inka Hengerveld De Kol.....	2 2 5	18	7	301.5	10.066	3.34	McKay Brothers, Buckingham, Iowa	67
Inka Hengerveld De Kol.....	2 2 5	18	35	292.8	9.800	3.35	McKay Brothers, Buckingham, Iowa	67
Inka Hengerveld De Kol.....	2 2 5	18	35	591.1	19.311	3.27	McKay Brothers, Buckingham, Iowa	39
Inka Hengerveld De Kol.....	3 10 26	22	7	474.6	15.368	3.24	W. H. Jones, Pierrepont Manor, N. Y.	183
Inka Hengerveld De Kol.....	3 7 16	23	7	314.9	12.862	4.06	McKay Brothers, Watertown, Wis.	502
Inka Hengerveld De Kol.....	8 0 10	244	7	253.5	8.522	3.36	W. A. Matteson, Utica, N. Y.	397
Inka Hengerveld De Kol.....	1 1 8	15	7	276.2	8.455	3.06	W. A. Matteson, Utica, N. Y.	485
Inka Hengerveld De Kol.....	1 1 8	15	7	324.0	13.782	4.25	W. A. Matteson, Utica, N. Y.	485
Inka Hengerveld De Kol.....	2 2 27	32	7	333.4	13.685	4.10	L. S. Allen, Hubbardville, N. Y.	319



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Joe Bach Josephine.....46940	7y.	Om.	21d.	6,236.4	198.661	3.19	World's Fair H. F. Association,	
Johanna Aggie 4th.....61319	2	9	26	290.8	11.523	3.96	Gillett & Son,	493
Johanna Albina De Kol.....62305	1	10	16	236.7	8.254	3.49	A. A. Cortelyou,	183
Johanna Beechwood.....65944	2	9	8	247.6	8.443	3.41	Reddell Brothers,	161
Johanna Beechwood.....65954	2	9	8	1,069.4	35.805	3.35	North Lake, Wis.	37
Johanna Beechwood.....65954	3	11	10	464.2	15.216	3.28	Reddell Brothers,	37
Johanna Belle.....65445	2	9	8	260.6	8.794	3.51	North Lake, Wis.	37
Johanna Bonheur.....60987	2	0	22	301.1	9.285	3.08	Reddell Brothers,	503
Johanna Clyde.....60984	3	1	3	363.8	13.053	3.59	Gillett & Son,	296
Johanna Colantha.....48578	9	18	20	370.4	14.924	4.03	Rosendale, Wis.	184
Johanna Colantha 2d.....60991	6	2	14	437.1	18.423	4.21	Gillett & Son,	231
Johanna Coral.....60990	2	7	19	328.6	11.374	3.46	Gillett & Son,	184
Johanna De Colantha.....72195	2	9	13	359.6	11.597	3.22	Stevens Brothers-Hastings Co.,	178
Johanna De Pauline 3d.....52253	3	0	5	331.8	11.865	3.57	Rosendale, Wis.	487
Johanna De Pauline 4th.....52254	4	10	8	440.8	16.683	3.79	Gillett & Son,	292
Johanna Hengerfeld De Haan.....60992	2	10	19	429.6	13.784	3.75	Rosendale, Wis.	96
Johanna Metcades.....64770	2	1	8	359.3	13.314	3.71	Gillett & Son,	184
Johanna Metcades.....65888	1	11	28	268.6	7.671	2.86	A. F. Cole,	184
Johanna Queen Metcathide.....67290	1	11	11	311.3	10.433	3.35	A. L. Williams,	153
Johanna Rose.....58549	3	0	13	297.2	10.033	3.38	A. A. Cortelyou,	161
Johanna Rue De Kol.....58549	3	0	13	327.8	14.040	4.04	Gillett & Son,	183
Johanna Rue 5th.....59985	2	5	27	436.6	14.420	3.57	A. F. Williams,	43
Johanna Ruth 2d.....55451	2	1	25	249.2	8.903	3.57	A. L. Williams,	503
Johanna Theresa.....52062	3	5	4	215.1	9.811	2.83	Gillett & Son,	185
Jolie 4th's Pauline De Kol.....40389	8	5	10	514.5	17.245	3.56	Gillett & Son,	428
Jolie 4th's Pauline De Kol.....40389	8	5	10	331.3	13.862	3.54	A. L. Williams,	155
Jolie 4th's Pauline De Kol.....40389	8	5	10	1,629.9	56.142	3.44	World's Fair H. F. Association,	430
Jolie Johanna Clothilde De Kol.....72194	3	7	23	6,174.5	213.752	3.46	World's Fair H. F. Association,	430
Josephine Empress.....63557	2	0	0	345.5	11.508	3.33	W. C. Hunt,	307
Josephine Rixon.....68569	11	1	19	231.1	9.254	4.00	E. E. Randall,	177
Josie De Kol Pieterje.....66836	2	1	1	408.3	12.204	2.99	J. B. Taylor,	440
Josie Watson.....70313	2	1	5	236.7	9.562	4.04	F. B. Fargo,	287
Judy Model.....72801	2	1	6	319.7	11.026	3.45	Robert C. Luedke,	477
Judy Model 2d.....42127	2	1	6	419.8	13.301	3.17	Oneida Community,	255
Julia Anne Parthena.....52117	5	11	10	286.2	8.391	2.93	Oneta Community,	343
Julia Anne Parthena.....52117	5	11	10	208.1	8.142	2.91	L. G. Legler,	503
Julia Anne Parthena.....43263	8	4	2	432.6	20.260	4.68	L. G. Legler,	313
Julia Hengerfeld's Best.....55796	5	5	3	544.4	16.341	3.00	L. G. Legler,	313
Juliet Blanco.....49653	5	2	2	406.3	14.776	3.63	L. G. Legler,	313
Juma Girl Echo.....52489	6	4	1	1,465.0	70.013	4.78	R. M. Legler,	47
Juno De Kol Pieterje.....58185	5	2	2	480.4	18.227	3.79	Charles D. Pierce,	137
Kate Jewel Mercedes.....53252	3	0	4	277.9	8.674	3.12	Knapp & Pierce,	275
Kathleen Pieterje De Kol.....59922	3	0	4	366.1	12.537	3.47	University of Nebraska,	35
Kathleen Beets.....54737	4	1	15	439.1	17.334	3.68	A. L. Williams,	224
Katy Spofford Corona 2d.....53117	4	4	9	376.4	13.859	3.55	C. F. Hunt,	169
Katy Spofford Corona 2d.....53117	4	4	9	443.5	15.761	3.55	W. H. Grenell,	339
Kekke 3d's Lena.....52673	4	1	16	469.9	15.868	3.38	E. H. Knapp & Son,	394
				311.6	30.478	3.34	Henry Stevens & Son,	53
				409.7	12.946	3.16		





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Lizzie Davernport 5th.....	62176	0	8	26	7	331.9	12,906	Randall Brothers,	Lake Crystal, Minn.
Lois Maid.....	62176	22	30	26	7	412.9	12,348	W. B. Smith & Son,	Columbus, Ohio
Loraine.....	59218	0	2	29	7	608.3	18,858	W. W. Cheney,	Manlius, N. Y.
Lost Wonder Priolo.....	59344	4	0	16	7	351.0	12,358	McKay Brothers,	Buckingham, Iowa
Lucinda Clorhilde P.....	58325	4	2	35	7	474.5	15,262	A. A. Hartsborn,	Hamilton, N. Y.
Lucinda Clorhilde P.....	58325	4	3	23	30	1,958.1	62,187	A. A. Hartsborn,	Hamilton, N. Y.
Lacy W. also.....	60054	6	3	13	7	358.8	13,809	M. F. Peck,	Marshall, Wis.
Laura Maid Pieterje 2d.....	63066	22	22	13	7	272.3	9,766	A. L. Williams,	Fond du Lac, Wis.
Laura Beauty s De Kol.....	61294	4	2	142	7	309.1	8,892	Knapp & Pierce,	East Pontiac, Ohio
Laudie P. Kol 2d.....	41806	3	28	32	7	332.5	12,988	Eastern Michigan Asylum,	Watertown, Wis.
Luzette Pieterje De Netherland.....	49804	11	6	32	7	332.5	13,087	Robert C. Luccke,	Manlius, N. Y.
Lynns Gersje 2d.....	58440	8	6	10	7	445.4	15,305	W. W. Cheney,	Manlius, N. Y.
Madam Wickfield.....	32652	12	8	8	7	295.9	10,174	Wing R. Smith,	Syracuse, N. Y.
Madam Wickfield.....	32652	12	8	6	7	440.5	16,178	A. L. Williams,	Fond du Lac, Wis.
Madonna Clorhilde 3d.....	47980	6	6	14	7	881.8	31,571	A. L. Williams,	Fond du Lac, Wis.
Madrigal Carmen Mercedes.....	72131	8	24	13	7	433.4	14,747	George Rice,	Tillsonburg, Ont., Can.
Madrigal Mechthilde Thania.....	75062	9	10	13	7	332.0	11,697	L. G. Legler,	Juda, Wis.
Madrigal Mechthilde Thania.....	75062	9	10	14	7	349.7	14,164	L. G. Legler,	Juda, Wis.
Madrigal of Belmont.....	61175	5	7	13	7	689.0	27,871	L. G. Legler,	Juda, Wis.
Madrigal 7th s Pauline De Kol.....	60627	2	0	12	7	465.7	16,163	John B. Irwin,	Minneapolis, Minn.
Madrigal 7th s Pauline De Kol.....	60627	2	0	12	7	368.1	12,054	McKay Brothers,	Buckingham, Iowa
Maggie Beets Lady De Kol 2d.....	64772	16	16	12	30	1,542.8	48,430	A. F. Cole,	Morrisville Station, N. Y.
Maggie of Wild Rose 2d.....	44974	6	11	29	7	460.6	14,912	A. L. Williams,	Burlington Flats, N. Y.
Magna Holland De Kol.....	59121	3	20	26	7	400.3	11,447	Estate of Elva S. Talbot,	Burlington Flats, N. Y.
Magnet Corrieda Netherland.....	58641	8	11	20	7	356.2	12,382	Albert Babler,	Albany, Wis.
Magnet Mercedes Holland King Julia.....	38283	3	20	6	7	344.0	12,345	Albert Babler,	Albany, Wis.
Mahomet Pet De Kol.....	58760	4	2	17	7	451.3	14,558	R. E. Coe,	Kirkville, N. Y.
Maid Henry.....	54878	4	8	0	7	387.5	11,413	John C. Donib,	Havelock, Neb.
Maid Meditation.....	57463	3	8	6	7	375.0	12,325	R. M. Hotabing,	San Francisco, Cal.
Maid Mutual De Kol.....	60210	3	9	25	7	588.8	20,406	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Maid Mutual De Kol.....	60210	3	9	25	7	341.1	80,235	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Mamie Ekster.....	54177	4	1	11	30	372.6	12,346	C. F. Hunt,	Manlius, N. Y.
Manor De Kol Esther.....	58707	3	11	5	24	451.7	14,898	W. H. Grenell,	Pierrepont Manor, N. Y.
Manor De Kol Konigen.....	55450	6	26	41	7	410.9	13,894	C. F. Hunt,	Manlius, N. Y.
Manor De Kol Lady Burke.....	55501	4	5	0	11	502.7	17,751	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Manor De Kol Mercedes.....	55501	4	4	0	26	472.9	15,905	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Manor De Kol Mercedes.....	55501	4	4	0	26	931.8	31,352	E. H. Knapp & Son,	Fabius, N. Y.
Maid De Kol of Cloverdale 2d.....	49246	5	11	22	14	272.7	8,760	A. J. Daugherty,	Streator, Ill.
Maid De Kol of Lady Hartog.....	54743	4	4	1	27	312.5	11,869	S. B. Jones & Son,	Watertown, Wis.
Manor Kekke Anneke.....	54743	4	4	1	27	611.0	23,435	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Manor Kekke Anneke.....	54743	4	4	1	27	611.0	23,435	Stevens Brothers-Hastings Co.,	Lacona, N. Y.
Manor Farm Star Josephine.....	65748	2	10	18	7	266.0	9,074	W. H. Grenell,	Pierrepont Manor, N. Y.
Manor Rosalind.....	54733	4	10	11	20	494.3	16,004	F. W. Fargo,	Lake Mills, Wis.
Manuel Piche De Kol.....	63607	2	8	17	7	262.9	10,656	F. W. Fargo,	Lake Mills, Wis.
Manuel 6th's Beauty.....	47210	1	16	10	7	405.1	13,080	W. H. Grenell,	Pierrepont Manor, N. Y.
Maplecroft De Kol Perfection.....	39194	9	6	0	60	423.7	16,772	World's Fair H. F. Association,	Morrisstown, N. Y.
Maplecroft De Kol Perfection.....	39194	9	6	0	60	423.7	16,772	World's Fair H. F. Association,	Morrisstown, N. Y.
Maplecroft De Kol Perfection.....	39194	9	6	0	60	423.7	16,772	World's Fair H. F. Association,	Morrisstown, N. Y.
Maplecroft De Kol Princess.....	56911	4	5	25	23	398.1	14,925	World's Fair H. F. Association,	Morrisstown, N. Y.
Maplecroft Pieterje De Kol.....	59181	3	9	11	31	385.7	13,728	E. H. Knapp & Son,	Fabius, N. Y.
Maple Grove Belle Pauline.....	75592	3	8	24	26	401.3	13,552	E. H. Knapp & Son,	Fabius, N. Y.
Maple Ridge Restra.....	68945	1	11	29	20	460.7	14,001	H. F. Mayne,	Earlville, N. Y.
Maple Ridge Restra.....	68945	1	11	29	20	460.7	14,001	H. F. Mayne,	Earlville, N. Y.
Maplewood Mechthilde 2d.....	51484	5	16	30	7	377.5	13,462	T. A. Mitchell,	Burlington Flats, N. Y.
Marie L. 2d.....	62967	3	3	29	7	390.1	12,489	A. A. Hartsborn,	Burlington Flats, N. Y.
Martha Dowager.....	54469	5	0	27	31	537.5	16,417	Stevens Brothers-Hastings Co.,	Watertown, Wis.
Martha Dowager.....	54469	5	0	27	31	537.5	16,417	Stevens Brothers-Hastings Co.,	Watertown, Wis.
Martha Elgin Butter Girl De Kol.....	70783	3	0	8	11	2,341.1	80,235	John Legier & Son,	Juda, Wis.



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Name and H. B. Number of Cow	Age at Time of Calving	Days After Calving	Length of Record	Pounds of Milk	Pounds of Butter Fat	Average Per Cent Fat	Name and Address of Owner	Page
Martha Fletcher.....57007	3y. 4m. Od.	19	7	384.7	12.689	3.30	R. M. Hotaling, San Francisco, Cal.	45
Martha Fletcher.....57007	4 3 12	13	7	482.3	14.142	2.93	R. M. Hotaling, San Francisco, Cal.	45
Martha Impatience De Kol.....67647	1 11 0	8	7	262.5	7.314	2.79	T. A. Mitchell, Weedsport, N. Y.	430
Mary Ann De Kol.....52994	1 3 29	10	7	416.3	13.537	3.25	San Francisco, Cal.	127
Mary Ann De Kol.....70045	1 11 2	14	7	287.4	9.272	3.23	Syracuse, N. Y.	468
Mary De Kol Wayne.....61854	1 11 5	28	7	292.6	9.474	3.20	Syracuse, N. Y.	409
Mary R. Pieterse.....49383	2 6 10	12	30	2,584.9	82.771	3.24	Hamilton, N. Y.	48
Mary Clay Dora.....63813	2 2 11	18	7	260.7	9.074	3.48	San Francisco, Cal.	136
May Belle W.....61812	3 10 18	16	7	300.6	12.432	3.18	San Francisco, Cal.	351
May De Lang Mechthilde.....63804	3 10 10	22	7	223.0	12.492	3.88	Earlville, N. Y.	232
May Harriet of Brookside 2d.....56516	3 10 10	13	7	324.9	11.818	3.53	Tonka, Kan.	282
May Melchor 2d.....49770	4 2 25	16	7	300.2	13.295	3.28	H. D. Roe, Augusta, Kan.	474
May Ormsby Johanna.....54727	4 3 15	7	7	300.5	12.472	3.11	L. W. Gay, Madison, Wis.	474
May Ormsby Johanna 2d.....67476	4 3 15	41	7	234.9	8.430	3.20	Milwaukee, Wis.	359
May Ormsby Johanna 2d.....67476	2 0 25	16	30	1,977.7	35.384	3.30	A. N. McGeech, Milwaukee, Wis.	358
May Queen De Kol.....62216	2 10 25	16	7	281.5	19.581	3.69	F. F. Field, Brockton, Mass.	438
May Pieterse 2d.....48696	6 1 24	36	7	510.6	17.740	3.57	Lacona, N. Y.	460
May Pieterse 2d.....1457 W	10 6 27	11	7	533.6	16.672	3.09	Henry Stevens & Son, Sreator, Ill.	280
May Rector.....1457 W	10 6 27	11	30	2,162.5	65.428	3.03	A. J. Daugherty, Sreator, Ill.	280
May Rector 2d's De Kol.....70754	3 10 14	28	7	420.8	11.586	2.75	A. J. Daugherty, Sreator, Ill.	292
Maud De Kol.....41887	3 9 9	6	7	521.2	17.485	3.35	J. W. Dunick, Riffon, N. Y.	316
Maud De Kol Netherland.....47802	6 5 28	14	7	513.7	17.155	3.34	W. W. Cheney, Riffon, N. Y.	296
Maud Johanna.....51773	5 3 7	23	7	425.0	13.151	3.09	Manlius, N. Y.	451
Maud of Kent 2d.....65914	11 7 25	30	7	478.2	18.204	3.81	P. D. Ede, Oxford Center, Ont., Can.	57
Maud of Kent 3d.....65915	8 10 14	93	7	414.1	12.445	3.01	Oxford Center, Ont., Can.	57
Maud Ormsby.....67589	2 0 1	27	30	233.2	8.778	3.67	Watertown, Wis.	293
Maud Ormsby.....67589	2 0 1	19	7	1,002.5	34.965	3.49	W. H. Jones, Watertown, Wis.	293
Maud Steinstra.....61334	3 1 7	41	14	462.1	15.444	3.34	R. C. Reed, Howell, Mich.	341
Maud Steinstra.....61334	3 1 7	35	14	907.1	29.956	3.30	R. C. Reed, Howell, Mich.	341
Meadow Brook Mary Deane.....52423	4 8 19	15	7	317.8	10.699	3.37	L. W. Gay, Madison, Wis.	475
Mechthilde Elgin.....51618	3 11 13	11	7	474.1	13.755	2.90	Guild & Roberts, Rupert, Vt.	208
Mechthilde Maid Clothilde.....58215	4 7 17	24	7	310.8	11.490	3.70	F. A. Fargo, Lake Mills, Wis.	142
Mechthilde Maid of Woodlawn.....43154	3 6 13	6	7	380.0	13.823	3.64	Lincolna Center, N. Y.	411
Mechthilde Parthena De Kol.....62992	2 7 10	45	7	414.9	13.945	3.36	Manlius, N. Y.	416
Mechthilde Parthena De Kol.....62992	2 9 18	16	7	350.9	12.408	3.53	Weltonville, N. Y.	466
Meg Rector 3d.....73990	2 9 18	9	14	699.0	24.250	3.47	Weltonville, N. Y.	466
Meg Rector 3d.....73990	5 3 20	29	7	500.0	19.446	3.89	A. J. Daugherty, Sreator, Ill.	304
Melboem 3d.....70881	5 3 20	8	30	2,070.6	76.379	3.69	Henry Stevens & Son, Sreator, Ill.	304
Melva Parthena.....50025	5 8 13	9	15	238.9	7.994	3.35	Lacona, N. Y.	114
Mercedes Athena Jewel.....43465	5 7 11	26	7	441.1	16.262	3.68	North Lake, Wis.	220
Mercedes Clothilde De Kol.....62896	2 3 3	7	7	530.0	16.905	3.19	White Bear Lake, Minn.	187
Mercedes Kiatta Antje.....61553	6 2 0	18	7	470.1	9.372	3.47	East Hamilton, N. Y.	33
Mercedes Queen De Kol.....54125	5 5 0	17	22	470.1	16.331	3.47	Pennellville, N. Y.	237
Mercedes Rijaneta Mechthilde.....53282	5 5 2	18	7	383.9	14.354	3.74	Adams, N. Y.	469
Mercena 2d.....62122	5 4 4	24	7	509.9	16.792	3.29	C. F. Hunt, Adams, N. Y.	311
Mercena 2d.....62122	5 4 4	24	7	544.1	22.108	4.06	James Rettie, Norwich, Ont., Can.	302
Mercena 2d.....62122	5 4 4	24	14	1,066.8	43.132	4.04	James Rettie, Norwich, Ont., Can.	302
Mercena 2d.....62122	5 4 4	24	28	1,602.1	63.174	4.01	James Rettie, Norwich, Ont., Can.	302
Mercena 2d.....62122	5 4 4	24	30	2,329.5	90.666	3.89	James Rettie, Norwich, Ont., Can.	302
Mignone Twisk Queen De Kol.....65368	2 3 23	56	7	274.3	8.778	3.20	Stevens McAdams, Utica, N. Y.	284
Mildred De Kol 2d's Queen.....42965	7 6 28	10	7	429.3	13.409	3.12	Stevens McAdams, Utica, N. Y.	419

Mildred Soldene.....	64782	2	4	18	13	7	267.5	8,573	3.20	T. A. Mitchell,	Weedsport, N. Y.	148
Mildred Walker.....	66239	2	3	14	64	1	322.1	10,919	3.29	A. A. Hartshorn,	Hamilton, N. Y.	363
Mildred Walker.....	66239	2	3	14	57	1	648.8	20,995	3.24	A. A. Hartshorn,	Hamilton, N. Y.	363
Milton Pieterje De Kol.....	60730	2	0	21	15	7	283.2	9,660	2.99	William A. Otieli,	Cortland, N. Y.	24
Minta Inka.....	66314	2	2	13	34	7	298.7	9,660	3.23	Northam Michigan Asylum,	Traverse City, Mich.	310
Minnie Hawk.....	58274	6	11	5	19	7	450.4	19,359	4.30	E. S. Robinson,	Forestville, N. Y.	330
Minnie Hiljaard De Kol.....	47441	6	7	18	10	7	408.9	13,553	3.31	Ouedia Community,	Kewford, N. Y.	335
Minnie Jewel De Kol.....	72633	7	7	11	10	7	283.3	10,788	3.81	A. A. Cortelyou,	Neshanic, N. J.	298
Minnie Netherland Jewel.....	53422	7	7	11	7	11	478.7	17,258	3.61	E. C. Brill,	Poughkeepsie, N. Y.	298
Minnie Netherland Jewel.....	53422	7	7	9	37	30	2,064.2	69,245	3.35	E. C. Brill,	Poughkeepsie, N. Y.	298
Minnie Pieterje Jewel.....	66315	7	7	8	37	8	523.6	17,126	3.27	R. E. Coo,	Kirkville, N. Y.	386
Minnie Pieterje Jewel.....	66315	7	7	8	33	8	989.3	33,430	3.38	R. E. Coo,	Kirkville, N. Y.	386
Minnie Sandes 2d.....	49318	6	7	3	33	14	941.3	29,671	3.15	W. A. Matteson,	Utica, N. Y.	126
Minnie Sandes 2d.....	49318	6	2	3	14	14	941.3	29,671	3.15	W. A. Matteson,	Utica, N. Y.	126
Minnie Sandes 2d.....	49318	6	2	3	14	14	540.8	15,517	2.87	W. A. Matteson,	Utica, N. Y.	126
Minorie De Kol De Yong.....	54145	3	2	3	33	7	444.4	14,650	3.30	E. S. Robinson,	Forestville, N. Y.	444
Miss Leland.....	58042	3	8	2	46	7	302.4	11,517	3.81	Frank Brewster,	Forestville, N. Y.	150
Miss McGinty 3d A.....	64330	3	11	17	20	7	308.8	9,433	3.05	I. S. Allen,	Elkhorst, Wis.	318
Miss Nancy Paul.....	56258	4	0	12	15	7	336.2	12,835	3.82	W. W. Chorney,	Watertown, Wis.	389
Miss Polly Carp.....	63558	4	1	29	7	7	297.7	11,107	3.73	R. E. Coo,	Kirkville, N. Y.	179
Model Pieterje Inka Kate.....	68473	3	11	27	15	7	375.8	12,581	3.35	R. E. Coo,	Kirkville, N. Y.	389
Mollie De Kol Artis.....	53888	4	1	27	34	7	424.0	16,686	3.94	H. G. Whitney,	Ilion, N. Y.	301
Mollie De Kol Artis.....	53888	4	1	27	34	7	848.3	32,627	3.85	H. G. Whitney,	Ilion, N. Y.	301
Mollie De Kol Pieterje.....	65909	4	1	27	34	7	339.6	13,271	3.91	A. A. Hartshorn,	Hamilton, N. Y.	362
Mollie De Kol Pieterje.....	65909	4	1	27	34	7	658.7	25,452	3.86	A. A. Hartshorn,	Hamilton, N. Y.	362
Mollie De Kol Pieterje.....	65909	4	1	27	34	7	222.3	8,270	3.56	Tilbitts & Buck,	Canastota, N. Y.	370
Molly Corona.....	66392	2	10	18	17	7	292.3	9,143	3.20	E. H. Knapp & Son,	Fabius, N. Y.	392
Molly Spofford.....	64908	2	0	14	9	7	285.7	9,143	3.20	E. H. Knapp & Son,	Fabius, N. Y.	392
Molly Wood 2d's De Kol 2d.....	4083	5	0	1	19	7	493.3	17,112	3.47	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	482
Molly Wood 2d's De Kol 2d.....	4083	5	0	1	12	30	2,055.2	70,102	3.41	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	482
Mondamin Pieterje De Kol.....	48312	6	8	28	31	7	491.8	15,695	3.19	W. A. Carr,	Vesper, N. Y.	270
Montgomery Gypsy.....	58442	5	11	21	54	7	311.5	9,500	3.05	W. A. Carr,	Syracuse, N. Y.	25
Mosefia De Kol Hengerveld.....	59677	2	11	23	8	7	480.4	17,637	3.67	Wing R. Smith,	Neshanic, N. J.	248
Mutual Daisy De Kol.....	60208	3	11	11	28	7	286.5	8,978	3.13	J. B. Marconi,	Princeton, Mass.	28
Mutual Daisy De Kol.....	60208	3	8	14	29	7	436.1	13,741	3.15	J. B. Marconi,	Princeton, Mass.	28
Mutual Friend 3d's Pauline De Kol.....	46973	6	3	14	22	7	856.8	26,696	3.12	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	420
Mutual Friend 3d's Pauline De Kol.....	46973	6	1	6	9	7	412.3	15,431	3.74	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	420
Mutual Wayne Pauline De Kol.....	58191	3	6	1	6	30	1,720.9	61,499	3.57	W. A. Matteson,	Utica, N. Y.	82
Myra Netherland Homestead.....	68833	2	0	10	39	7	492.2	13,199	3.28	W. C. Hunt,	Utica, N. Y.	82
Myrefia De Kol Pieterje.....	63990	2	0	8	34	7	265.3	7,492	2.82	S. B. Jones & Son,	Liverpool, N. Y.	219
Myrefia De Kol Pieterje.....	63990	2	5	28	13	7	301.3	9,648	3.20	E. E. Poole,	Lincklaen Center, N. Y.	400
Nadjesda's Nady.....	60057	2	5	28	208	7	597.8	8,127	2.68	D. J. Hinkley,	South Brookfield, N. Y.	74
Namette Friend.....	65331	2	5	19	42	7	282.9	8,903	3.15	R. M. Hotaling,	San Francisco, Cal.	413
Namette Friend.....	65331	2	5	19	42	7	442.6	15,144	3.42	Grant B. Low,	New Berlin, N. Y.	348
Namette Pledge Hengerveld.....	49618	6	1	7	9	30	1,750.0	58,789	3.36	H. D. Jones,	Chepachet, N. Y.	348
Nasica De Kol.....	62434	3	0	13	15	7	460.0	15,201	3.30	H. D. Jones,	Chepachet, N. Y.	348
Nazi Pauline Johanna.....	65733	3	0	11	10	7	399.2	12,329	3.09	Wing R. Smith,	Syracuse, N. Y.	446
Nazi Pauline Johanna.....	65733	3	0	11	10	7	785.2	22,642	2.88	O. U. Kellogg,	Cortland, N. Y.	190
Nazi Pauline 3d.....	54883	7	9	27	13	7	428.7	12,476	2.63	O. U. Kellogg,	Cortland, N. Y.	190
Neah's Mercedes 3d.....	41346	8	7	28	21	7	417.9	13,675	3.27	Gardner & Misner,	Cortland, N. Y.	434
Neah's Mercedes 3d.....	41346	8	2	28	26	14	821.7	25,852	3.15	Gardner & Misner,	Centerville Station, N. Y.	434
Neah's Mercedes 3d.....	41346	8	2	28	26	14	492.6	12,036	3.99	Gardner & Misner,	Centerville Station, N. Y.	434
Neah's Mercedes 3d.....	41346	8	2	28	26	14	492.6	12,036	3.99	Gardner & Misner,	Centerville Station, N. Y.	434
Nebraska Dora.....	52941	5	2	23	6	7	369.0	13,673	2.76	John C. Doubt,	Centerville Station, N. Y.	174
Nellie Alexander.....	52941	5	2	23	6	7	369.0	13,673	2.76	John C. Doubt,	Centerville Station, N. Y.	174
Nellie Duchess of Pleasant Hill.....	62484	7	7	1	32	7	369.0	13,673	2.76	John C. Doubt,	Centerville Station, N. Y.	174
Nellie Pieterje Hartog.....	64084	6	7	29	11	7	523.4	16,977	3.24	R. E. Coo,	Kirkville, N. Y.	92
Nellie Hector 2d.....	57432	7	7	25	34	7	435.8	15,050	3.43	W. D. Roberts,	Cold Brook, N. Y.	208
Nellie Spicer Corona.....	64007	2	2	7	14	7	231.0	8,795	3.46	A. A. Hartshorn,	Hamilton, N. Y.	163
Netherland Artis Metchilde.....	5609	2	2	19	1	7	251.4	8,795	3.46	E. H. Knapp & Son,	Streator, Ill.	280
Netherland Buttermcup.....	58717	2	9	17	25	7	251.4	8,795	3.46	E. H. Knapp & Son,	Streator, Ill.	280
Netherland Buttermcup.....	58717	2	9	17	25	7	251.4	8,795	3.46	University of Wisconsin,	Fabius, N. Y.	437
Netherland Buttermcup.....	58717	2	9	17	25	7	251.4	8,795	3.46	University of Wisconsin,	Fabius, N. Y.	437
Netherland Buttermcup.....	58717	2	9	17	25	7	251.4	8,795	3.46	Henry Stevens & Son,	Lacona, N. Y.	22



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## LIST OF COWS HAVING OFFICIAL RECORDS—VOLUME XVI—Continued.

Name and H. B. Number of Cow	Age at Time of Calving	Days After Calving	Length of Record	Pounds of Milk	Pounds of Butter Fat	Average Per Cent Fat	Name and Address of Owner	Page
Piche Queen 2d's Princess..... 45007	7y.	26	7	420.3	15.366	3.66	W. H. Jones, Watertown, Wis.	144
Pietertje Adeno De Kol..... 42350	7	39	7	456.5	17.494	3.83	C. F. Hunt, Maillins, N. Y.	245
Pietertje De Haan 2d..... 47444	5	264	7	336.1	10.666	3.17	Henry Stevens & Son, Lacona, N. Y.	506
Pietertje De Haan 3d..... 47444	5	258	14	647.5	20.687	3.19	Henry Stevens & Son, Lacona, N. Y.	506
Pietertje Hartog Imperial..... 66099	1	20	7	260.6	8.817	3.38	Stevens Brothers-Hastings Co., South Brookfield, N. Y.	253
Pietertje Hartog Tweede 2d..... 44613	7	26	7	370.1	12.859	3.47	Irwin Langworthy, (Coopersown, N. Y.)	84
Pietertje Insa Hijlaard..... 68036	4	30	7	377.3	12.083	3.20	Jarvis Brothers, Delphi, N. Y.	207
Pietertje Laska Pauline..... 73154	1	55	7	337.6	10.193	3.02	Charles Hunt, Sherburne, N. Y.	241
Pietertje Madge Queen..... 47937	2	31	7	304.7	8.103	2.66	A. J. Dougherty, Brockton, Mass.	366
Pietertje Maid Melisse..... 51338	6	20	7	434.3	16.039	3.69	John M. Toward, Utica, N. Y.	459
Pietertje Pledge Princess..... 48346	5	13	7	458.4	16.205	3.54	Fred K. Field, Utica, N. Y.	459
Pietertje Pledge Princess..... 48346	6	23	7	551.4	19.625	3.56	W. A. Matteson, Utica, N. Y.	459
Pietertje Pledge Princess..... 48346	6	4	22	2,169.9	77.525	3.57	W. A. Matteson, Utica, N. Y.	459
Pietertje Pledge Princess..... 48346	6	30	30	2,169.9	77.525	3.57	W. A. Matteson, Utica, N. Y.	459
Pietertje Pledge Princess..... 48346	6	4	22	4,410.3	152.740	3.46	W. A. Matteson, Utica, N. Y.	459
Pipsey Valamity Boon..... 66112	2	9	60	347.6	10.261	2.95	R. C. Reed, Howell, Mich.	205
Pipsey Calamity Boon..... 66112	2	54	7	677.3	19.197	2.83	R. C. Reed, Kirkville, N. Y.	387
Pledge De Kol..... 58419	4	48	14	426.3	13.636	3.25	R. E. Coe, Kirkville, N. Y.	387
Pledge De Kol..... 58419	4	15	7	821.1	25.371	3.05	R. E. Coe, Fabius, N. Y.	391
Pledge Spoford..... 64915	4	23	9	325.3	11.197	3.57	E. H. Knapp & Son, Northern Michigan Asylum, Livestock, Mich.	453
Pontiac..... 50868	5	20	7	346.5	12.158	3.50	W. C. Hunt, Pontiac, Mich.	219
Pontiac Aesula..... 61107	2	19	7	305.1	11.317	3.38	Eastern Michigan Asylum, Pontiac, Mich.	129
Pontiac Akkrum..... 53438	4	33	7	357.0	11.263	3.21	Eastern Michigan Asylum, Pontiac, Mich.	261
Pontiac Agnes..... 65756	2	3	7	305.0	12.288	4.03	Stevens Brothers-Hastings Co., Lacona, N. Y.	77
Pontiac Ambrosia..... 61103	3	6	14	724.9	19.972	3.80	Stevens Brothers-Hastings Co., Lacona, N. Y.	77
Pontiac Ambrosia..... 61103	3	4	6	1,475.3	29.154	3.71	Stevens Brothers-Hastings Co., Lacona, N. Y.	77
Pontiac Ambrosia..... 61103	3	4	30	2,416.8	77.026	3.54	Stevens Brothers-Hastings Co., Lacona, N. Y.	77
Pontiac Artis..... 61114	2	84	7	242.5	9.399	3.35	Eastern Michigan Asylum, Lacona, N. Y.	201
Pontiac Artis..... 61114	2	30	7	338.4	14.412	3.62	Stevens Brothers-Hastings Co., Lacona, N. Y.	201
Pontiac Atropos..... 56964	3	20	7	1,652.1	59.807	3.66	Stevens Brothers-Hastings Co., Lacona, N. Y.	381
Pontiac Atropos..... 47777	6	107	7	304.5	10.358	3.60	Eastern Michigan Asylum, Pontiac, Mich.	218
Pontiac Beets Korndyke..... 61101	3	16	7	403.9	18.136	3.78	Eastern Michigan Asylum, Pontiac, Mich.	81
Pontiac Carlotta..... 55578	3	23	7	463.4	14.400	3.57	Eastern Michigan Asylum, Pontiac, Mich.	80
Pontiac Celeste..... 53437	4	28	7	299.0	12.597	4.21	Eastern Michigan Asylum, Pontiac, Mich.	70
Pontiac Ceres..... 44852	6	26	7	311.0	11.011	3.54	Eastern Michigan Asylum, Pontiac, Mich.	70
Pontiac Clothilde..... 56982	2	20	7	445.0	15.783	3.55	E. H. Dollar, Heuvelton, N. Y.	70
Pontiac Clothilde..... 56982	2	36	7	438.8	16.796	3.83	E. H. Dollar, Heuvelton, N. Y.	70
Pontiac Clothilde..... 56982	2	22	21	1,279.9	46.013	3.60	E. H. Dollar, Heuvelton, N. Y.	70
Pontiac Clothilde..... 56982	2	13	30	1,730.0	62.470	3.61	E. H. Dollar, Heuvelton, N. Y.	70
Pontiac Clothilde..... 56982	3	8	7	433.7	17.945	4.14	E. H. Dollar, Lacona, N. Y.	483
Pontiac Clothilde..... 56982	3	6	14	861.1	34.524	4.01	Stevens Brothers-Hastings Co., Lacona, N. Y.	483
Pontiac Clothilde De Kol..... 43957	6	6	7	409.4	14.489	4.52	Stevens Brothers-Hastings Co., Lacona, N. Y.	483
Pontiac Clothilde De Kol..... 43957	6	3	30	1,998.6	72.455	3.63	Stevens Brothers-Hastings Co., Lacona, N. Y.	483
Pontiac Columbo..... 61111	2	33	7	385.0	14.567	3.73	Eastern Michigan Asylum, Pontiac, Mich.	79
Pontiac Columbo..... 61111	2	29	7	444.4	15.349	3.50	Stevens Brothers-Hastings Co., Lacona, N. Y.	222
Pontiac Columbo..... 61111	2	29	14	863.5	29.811	3.45	Stevens Brothers-Hastings Co., Lacona, N. Y.	222
Pontiac Columbo..... 61111	2	22	21	1,269.7	43.257	3.41	Stevens Brothers-Hastings Co., Lacona, N. Y.	222
Pontiac Cornus..... 61104	3	13	30	1,790.5	61.088	3.41	Stevens Brothers-Hastings Co., Lacona, N. Y.	380
Pontiac Dione..... 61106	2	60	7	270.8	10.461	3.86	Eastern Michigan Asylum, Lacona, N. Y.	66
Pontiac Dione..... 61106	2	23	7	366.1	10.735	2.93	Stevens Brothers-Hastings Co., Lacona, N. Y.	66
Pontiac Eno De Kol..... 65770	1	18	14	718.0	20.910	2.91	Stevens Brothers-Hastings Co., Lacona, N. Y.	323
Pontiac Erato..... 53448	4	17	7	318.6	11.671	3.66	A. A. Cortelyou, Neshanic, N. J.	260
Pontiac Erato..... 53448	4	34	7	357.0	11.182	3.13	Eastern Michigan Asylum, Pontiac, Mich.	260



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Name and H. B. Number of Cow	Age at Time of Calving	Days After Calving	Length of Record	Pounds of Milk	Pounds of Butter Fat	Average Per Cent Fat	Name and Address of Owner	Page
Princess Clothilde Meethilde.....	3y.	2m. 11d.	7	334.8	11.427	3.41	George T. McNeil, Theresa, N. Y.	363
Princess Clothilde Pietertje.....	2	5 24	7	371.7	10.852	2.92	H. W. Hartshorn, Randallville, N. Y.	49
Princess Cornucopia De Kol 2d.....	5	9 4	13	441.5	16.365	3.75	Henry Stevens & Son, Lacona, N. Y.	243
Princess Hartog Pietertje.....	6	0 15	7	423.2	13.156	3.11	Irwin Langworthy & Son, South Brookfield, N. Y.	507
Princess Hartog Pietertje.....	6	0 15	7	268.7	8.912	3.32	Irwin Langworthy & Son, South Brookfield, N. Y.	507
Princess Hartog Pietertje.....	6	0 15	7	335.4	17.349	3.24	Irwin Langworthy & Son, South Brookfield, N. Y.	85
Princess Janaica De Kol.....	3	0 21	35	266.6	11.657	4.37	F. M. Bullis, Sherburne, N. Y.	413
Princess Johanna Rue.....	2	7 10	22	337.0	12.365	3.67	A. A. Corleyou, Neshanic, N. J.	323
Princess Johanna Rue.....	2	7 10	22	1,527.2	51.330	3.36	A. A. Corleyou, Neshanic, N. J.	323
Princess Leo Duches 3d.....	1	11 12	37	304.5	9.594	3.15	Henry Stevens & Son, Lacona, N. Y.	54
Princess Leo Netherland.....	4	9 16	35	421.1	12.987	3.08	O. J. Godfrey, Pennellville, N. Y.	135
Princess Leo Netherland.....	4	9 16	32	842.6	25.176	2.99	O. J. Godfrey, Pennellville, N. Y.	135
Princess Leo Netherland De Kol.....	2	4 15	34	292.8	9.174	3.13	O. J. Godfrey, Pennellville, N. Y.	134
Princess Leo Netherland De Kol.....	2	4 15	32	573.2	17.018	2.97	O. J. Godfrey, Pennellville, N. Y.	134
Princess Piebe De Kol.....	3	10 24	10	350.6	12.606	3.60	Stevens Brothers-Hastings Co., Lacona, N. Y.	196
Princess Rose Aagtie.....	2	1 14	7	267.2	10.800	4.04	E. E. Randall, Watertown, Wis.	180
Princess Yankree Aagtie Rosa.....	6	1 4	14	385.2	15.164	3.94	E. S. Robinson, Forestville, N. Y.	369
Prune Blossom.....	4	9 11	6	516.7	15.987	3.09	R. M. Hotaling, San Francisco, Cal.	20
Prune Blossom.....	4	9 11	6	1,979.1	60.076	3.04	R. M. Hotaling, San Francisco, Cal.	20
Queen De Kol 3d.....	2	1 19	51	435.2	17.078	3.92	James Rettie, Norwich, Ont., Can.	225
Queen Gerben.....	2	1 19	6	258.8	8.491	3.28	John C. Doubt, Havelsok, Neb.	146
Queen Pietertje Mercedes.....	6	1 26	9	448.0	18.860	4.21	George Rice, Tillsonburg, Ont., Can.	164
Queen Ringwood 2d's Johanna.....	3	8 29	10	273.7	11.209	3.72	George Rice, Tillsonburg, Ont., Can.	164
Queen Signet De Kol 2d.....	3	8 29	10	311.2	10.786	3.47	F. B. Fargo, Lake Mills, Wis.	96
Queen Signet Koningin De Kol.....	3	8 29	10	311.2	10.786	3.47	James A. Lee, Earlville, N. Y.	95
Rachel Hamilton.....	3	11 12	30	390.7	12.407	3.18	C. F. Hunt, Lacona, N. Y.	64
Rachel Korndyke De Kol.....	3	4 4	25	345.6	12.573	3.64	J. W. Dimick, Ruffon, N. Y.	344
Rachel Schillaard Clothilde.....	3	4 4	25	413.0	15.279	3.70	R. E. Coe, Kirkville, N. Y.	388
Rachel Schillaard Clothilde.....	3	4 4	21	816.4	29.746	3.64	R. E. Coe, Kirkville, N. Y.	388
Raphaella Burke De Kol.....	4	1 28	14	1,163.8	42.438	3.65	R. E. Coe, Kirkville, N. Y.	388
Reka Ormsby.....	2	0 25	7	391.5	11.546	2.95	Bradley Fuller, Utica, N. Y.	99
Renske Posch.....	2	0 27	14	295.5	9.554	3.55	W. H. Jones, Watertown, Wis.	292
Revonna Jewel Soldene Maid.....	4	0 12	31	315.4	8.806	2.98	C. F. Hunt, Manlius, N. Y.	559
Revonna Jewel Soldene Maid.....	4	0 12	29	610.6	10.720	3.40	Jarvis Brothers, Cooperstown, N. Y.	281
Revonna Partheuea Jewel.....	2	9 21	72	251.7	8.220	3.36	Jarvis Brothers, Cooperstown, N. Y.	207
Revonna Partheuea Jewel.....	2	9 21	100	283.2	8.679	3.04	Jarvis Brothers, Cooperstown, N. Y.	207
Rhoda De Kol Colantha.....	6	7 15	57	431.0	15.117	3.51	Jarvis Brothers, Cooperstown, N. Y.	207
Rhoda De Kol Colantha.....	4	8 2	7	371.2	15.838	4.27	Charles D. Pierce, Manlius, N. Y.	131
Rifton Maid.....	8	2 6	13	459.1	15.242	3.32	J. W. Dimick, San Francisco, Cal.	346
Rifton Maid.....	8	2 6	13	294.9	29.039	3.36	J. W. Dimick, Ruffon, N. Y.	346
Rijfanta Mercedes Clothilde.....	6	10 28	22	520.1	17.213	3.31	W. Judson Smith, Watertown, Wis.	51
Rik Friesland Beauty 2d.....	3	8 17	20	385.5	12.283	3.21	Stanton Osterhout, Colchester, N. Y.	425
Riverview Giltka.....	6	0 12	7	491.9	16.926	3.44	G. F. Blewer, Weltonville, N. Y.	467
Riverview Giltka.....	6	0 12	20	470.1	17.726	3.15	G. F. Blewer, Weltonville, N. Y.	423
Riverview Giltka.....	6	0 12	58	504.8	17.699	3.11	G. F. Blewer, Weltonville, N. Y.	423
Riverview Giltka.....	6	0 12	10	1,253.9	28.531	3.82	G. F. Blewer, Weltonville, N. Y.	423
Rixa Ormsby.....	2	2 22	10	1,253.9	17.156	3.92	A. N. McGeech, Milwaukee, Wis.	109
Rixa Ormsby.....	2	2 22	10	1,118.6	37.354	3.39	A. N. McGeech, Milwaukee, Wis.	109





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Shadybrook Gerben.....43753	11y.	8	120	8,101.7	282.601	3.49	World's Fair H. F. Association,	
Shadybrook Gerben Parthenaea 4th.....64125	11m.	11	7	210.5	14.291	6.79	John B. Marcou, Princeston, Mass.	493
S. H. Netherland De Kol Beets.....52072	5	45	7	460.4	12.966	3.80	Weedsport, N. Y.	120
Siagelinda Arbis.....54050	4	5	10	336.6	11.102	3.30	Weedsport, N. Y.	279
Siagelinda Arbis.....54050	4	5	23	336.6	11.102	3.30	Weedsport, N. Y.	430
Sierra Blanco Nancy.....55319	4	5	17	991.7	29.357	2.96	Weedsport, N. Y.	430
Sierra Belmont 2d.....62128	4	5	7	365.9	11.196	3.06	San Francisco, Cal.	202
Sijtje Twisk Pietertje De Kol.....68500	2	80	7	263.9	8.821	3.34	Lake Crystal, Minn.	91
Sijtje Twisk Pietertje De Kol.....68500	11	17	7	312.7	9.649	3.09	South Brookfield, N. Y.	385
Sijtje Twisk Pietertje Inka.....58625	11	17	15	608.6	18.642	3.06	South Brookfield, N. Y.	385
Sijtje Twisk Veeman De Kol.....68501	3	27	7	927.2	9.431	2.88	South Brookfield, N. Y.	883
Sijtje Twisk Veeman De Kol.....68501	1	24	7	267.9	8.460	3.16	South Brookfield, N. Y.	384
Silver Gloss 6th's De Kol.....52137	1	24	14	539.3	16.880	3.13	South Brookfield, N. Y.	384
Silver Josephine.....69724	5	9	7	514.5	18.182	3.53	Syracuse, N. Y.	69
Silver Queen Parline De Kol.....57220	6	7	21	353.2	14.915	4.22	Howell, Wis.	313
Sir Barrington Clothilde's Balle.....52948	3	11	21	449.8	10.841	3.48	Howell, Wis.	144
Skip Inka Clothilde.....62231	7	13	7	449.8	14.542	3.23	Auburn, Mass.	317
Skyark De Kol Johanna.....67413	1	11	0	230.0	7.657	3.48	Watertown, N. Y.	440
Skyark Mercedes De Kol Johanna.....67413	1	19	7	497.9	16.514	3.32	Darien, Wis.	166
Skyark Mercedes De Kol Johanna.....67413	1	25	20	325.2	12.320	3.68	Darien, Wis.	237
Skyark M. De Kol 2d.....67414	1	11	15	725.7	25.449	3.51	Darien, Wis.	237
Slumber Song.....61861	2	10	7	343.4	10.554	3.07	Darien, Wis.	234
Small Hopes De Kol.....44292	2	6	9	355.7	13.054	3.66	R. M. Hotaling,	278
Small Hopes De Kol Komdyke.....59446	3	5	11	528.8	20.134	3.52	San Francisco, Cal.	68
Snowball Clothilde 2d.....63773	2	107	7	270.7	8.693	3.57	Syracuse, N. Y.	294
Snowball Pink.....59077	3	33	7	279.7	8.116	3.26	Unadilla Forks, N. Y.	68
Snowball Pink.....59077	3	15	7	256.7	8.116	3.26	West Winfield, N. Y.	93
Soubrette.....60203	2	337	7	156.7	13.042	4.56	Watertown, Wis.	104
Stafford Mercedes Aagte Tuebie.....58608	3	8	7	353.6	8.107	3.46	Watertown, Wis.	507
Star Girl Boon.....49815	3	11	13	353.6	12.357	3.46	San Francisco, Cal.	277
Starlight Maid.....51186	4	2	25	363.2	11.216	3.09	San Francisco, Cal.	20
Stare Bells De Kol.....52340	5	10	19	467.1	13.410	2.72	San Francisco, Cal.	336
Stewed Prune.....52340	4	7	30	394.9	14.341	3.63	Cold Brook, N. Y.	154
Stewed Prune.....52340	4	7	30	1,384.8	62.575	3.23	Tillsonburg, Ont., Can.	306
Sunland Queen.....52340	4	27	7	327.3	12.786	3.91	Liverpool, N. Y.	284
Susie Countess Johanna.....62209	2	28	7	287.1	10.187	3.55	San Francisco, Cal.	439
Susie De Kol's Countess.....43063	2	0	22	449.1	13.743	3.06	Neshaic, N. J.	162
Susie De Kol Paul.....56446	4	11	28	516.7	16.544	3.27	Utica, N. Y.	284
Susie De Kol Paul.....56446	4	13	16	982.4	32.594	3.32	Lacona, N. Y.	254
Susie De Kol Paul.....56446	4	13	11	1,451.4	46.842	3.23	Lacona, N. Y.	254
Susie Hengerleid De Kol.....52064	5	2	0	456.6	15.259	3.34	Lacona, N. Y.	299
Susie Homestead De Kol.....52064	5	2	0	1,898.1	60.419	3.18	Poughquag, N. Y.	299
Susie Homestead De Kol.....52064	5	2	0	387.6	15.093	3.89	Poughquag, N. Y.	299
Susie Rudin De Kol.....59580	3	8	7	778.7	28.384	3.65	Neshaic, N. J.	324
Susie Rudin De Kol.....59580	3	9	8	471.2	15.384	3.36	Neshaic, N. J.	324
Susie Lamb De Kol Veeman.....54649	6	0	4	489.5	14.165	2.89	Lacona, N. Y.	422
Susie Lamb De Kol Veeman.....54649	4	1	14	833.5	26.249	3.15	East Hamilton, N. Y.	31
Susie Vernon De Kol.....53671	4	24	14	448.8	17.530	3.91	East Hamilton, N. Y.	31
Susie Vernon De Kol.....53671	4	27	9	913.9	33.951	3.70	Neshaic, N. J.	324
Sweet Echo.....46211	7	22	8	423.6	13.420	3.17	Neshaic, N. J.	324
Tenec Arto De Kol Clothilde.....59982	3	8	7	243.1	9.279	3.82	Traverse City, Mich.	453
Tenec Arto De Kol Clothilde.....59982	3	8	7	439.0	15.196	3.46	Lacona, N. Y.	139
Tenec Arto De Kol Clothilde.....59982	3	8	7	439.0	15.196	3.46	Weedsport, N. Y.	276



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Vevie Zente.....	2	0	3	209.6	8.151	3.89	F. B. Fargo,	210
Victoria Empress Bonnie Bell.....	1	9	2	267.1	8.642	3.24	Thibbs & Buck,	371
Vinette Pauline De Kol.....	4	11	10	545.4	16.842	3.09	E. C. Merrill,	371
Vinnie's Jewel Colantha.....	6	11	7	399.7	12.109	3.03	T. A. Mitchell,	465
Vinnie's Jewel Colantha 2d.....	3	10	33	290.9	10.264	3.53	T. A. Mitchell,	198
Vinnie's Jewel Colantha 3d.....	3	13	28	420.1	13.600	3.24	G. F. Blewer,	197
Violet De Kol Mechthilde.....	3	4	13	806.5	26.118	3.24	G. F. Blewer,	466
Viola De Kol Mechthilde.....	2	0	3	313.0	11.809	3.87	Stevens Brothers-Hastings Co.,	466
Virginia De Kol Mechthilde.....	2	0	3	923.2	33.734	3.66	John Legier & Son,	63
Vogelschen.....	4	11	24	465.9	13.592	2.79	R. M. Hotelling,	63
Volska Echo Mechthilde.....	2	9	16	322.5	5.136	2.35	F. S. Wells,	277
Volska Pieretje De Kol Paul.....	5	16	30	382.3	12.325	3.22	F. S. Wells,	216
Walouf Pieretje De Kol.....	1	10	5	225.4	7.302	3.35	Charles D. Pierce,	216
Walworth Queen.....	2	0	3	263.4	7.302	3.35	E. C. Petrie,	191
Wanda Pieretje.....	2	6	5	283.7	12.434	3.24	Onaida Community,	127
Wanda Pieretje.....	2	13	23	348.9	11.852	3.40	Knapp & Pierce,	256
Wayne Beets De Kol.....	2	0	18	326.8	10.848	3.32	T. A. Mitchell,	35
Wayne Norrie Foeta.....	2	1	1	235.2	10.360	3.24	George Rice,	432
Wayne Parthena.....	2	4	2	544.1	17.324	3.27	M. E. Moore,	154
Wayne Pauline De Kol.....	6	10	2	573.1	15.450	3.27	Onaida Community,	119
We Said.....	3	1	2	420.8	13.771	3.27	Charles D. Pierce,	125
Western Duchess Bessie.....	2	8	13	363.2	10.615	2.92	Charles D. Pierce,	125
Wild Rose Jones 2d's Piebe.....	3	7	17	429.8	15.921	3.70	S. B. Jones & Son,	172
Wild Rose Pearl De Kol.....	3	7	22	264.7	8.700	3.29	A. L. Williams,	157
Wild West De Kol.....	1	11	24	255.1	10.156	3.98	Charles D. Pierce,	357
Wilhelmina Butter Girl.....	4	4	3	303.7	9.727	3.20	W. L. Keyes,	343
Wilhelmina De Kol Bonheur.....	3	16	3	463.9	14.858	2.97	F. G. Johnston & Co.,	353
Winana De Kol Komdyke.....	1	11	2	418.9	12.440	2.97	W. L. Keyes,	69
Winana De Kol Komdyke.....	2	11	20	245.5	8.481	3.45	E. H. Dollar,	69
Winana De Kol Komdyke.....	2	11	20	425.2	14.803	3.55	E. H. Dollar,	63
Winana De Kol of Riverside.....	3	10	21	823.2	29.213	3.59	Stevens Brothers-Hastings Co.,	206
Winna De Kol of Riverside.....	3	10	21	1,612.8	57.970	3.09	Stevens Brothers-Hastings Co.,	38
Winnie R's Gem.....	7	2	8	734.5	22.720	3.19	Walter S. Schell,	38
Winnie Warrena Netherland.....	10	7	7	535.7	21.419	4.00	Reddell Brothers,	38
Winnie Warrena Netherland.....	10	7	7	409.0	13.048	3.81	A. N. McGeoch,	359
Winnifred Pride Beauty Mercedes.....	2	2	17	284.8	8.301	3.32	E. E. Randall,	105
Wisconsin Bess 4th.....	3	0	17	352.5	11.709	3.32	E. E. Randall,	105
Wisconsin Bess 5th.....	3	0	17	306.2	10.631	3.47	E. E. Randall,	28
Wisconsin Bess 6th.....	3	0	17	332.7	12.914	3.88	E. E. Randall,	186
Wisconsin Bride 4th.....	3	2	7	254.9	9.883	3.88	E. E. Randall,	115
Wynetta Princess.....	5	0	14	429.8	15.921	3.70	Charles D. Pierce,	26
Wyntie Josephine.....	1	8	26	262.8	8.432	3.21	H. B. Cowles,	509
Wyntie Josephine.....	1	8	26	169.5	6.750	3.98	H. B. Cowles,	233
Wyntie Josephine.....	1	8	26	255.8	7.882	3.08	H. B. Cowles,	195
Zahara 2d.....	11	1	21	491.3	15.016	3.06	Onaida Community,	277
Zella De Kol 3d.....	4	4	29	374.5	11.687	3.43	R. M. Hotelling,	301
Zephyr of Sleepy Hollow.....	3	9	25	419.6	14.387	3.12	R. M. Hotelling,	277
Zephyr of Sleepy Hollow.....	3	9	25	1,890.6	60.165	3.19	R. M. Hotelling,	277
Zora De Kol.....	4	4	25	518.0	17.785	3.43	W. A. Matteson,	112
Zora Pauline Paul De Kol.....	6	0	3	412.3	14.413	3.50	H. G. Whitney,	301

Zora Pauline Paul De Kol.....	48424	6	0	3	8	14	806.9	27.613	3.42	H. G. Whitney, R. M. Hotaling, University of Illinois, Charles D. Pierce, Northern Michigan Asylum,	Hion, N. Y. San Francisco, Cal. Urbana, Ill. San Francisco, Cal. Traverse City, Mich.	301 194 199 347 454
Zozo Paul Sierra.....	63393	2	3	29	15	7	374.5	11.687	3.12			
Zuider Zee Agnes 3d.....	64163	2	7	17	24	7	302.2	10.165	3.36			
Zwartje de Boer.....	72562	6	10	17	9	7	520.4	15.431	2.97			
Zwen Echo.....	46210	7	4	13	24	7	474.4	14.980	3.16			

# INDEX PRIVATE MILK AND FAT RECORDS.

Name and Number of Cow	Age at Calving	Length of Record	Milk Production	Name and Address of Owner	Page
Altoona Pieterfje A.....	7y. 1m. 3d.	1 year	13,050.4	Connecticut Agricultural College, Don J. Wood, Storrs, Conn.	200
Jannek Belle De Kol.....	2 0 8	10 months	7,811.0	West Winfield, N. Y.	156
Valley Farm Netherland 2d.....	1 10 13	10 months	8,610.8	West Winfield, N. Y.	156
Valley Farm Pansy.....	1 8 22	10 months	7,133.9	West Winfield, N. Y.	147
Altoona Pieterfje A.....	7 1 3	1 year	452.03	Connecticut Agricultural College, Storrs, Conn.	200

# List of Prize Winners and Cows Debarred from Competition by Limitation.\* Official Records for the Year 1904-5.

## THIRTY-DAY RECORDS.

CLASS 1.—COWS FIVE YEARS OLD AND UPWARDS.

Name and H. B. Number of Cow	Age at Date of Calving	Days to Commence-ment	Pounds of Milk	Average Per Cent Fat	Total Pounds Butter Fat	Name and Address of Owner	Rank of Prize	Amount of Prize
Pontiac Lundie Hengerveld.....	5y. Om. 4d.	8	2,405.2	3.82	91.857	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	\$40
Mercena 2d.....	5 4 24	28	2,329.5	3.89	90.666	James Rettie,	Norwich, Ont.	35
Winnie Wartena Netherland.....	10 7 7	8	2,331.0	3.81	88.709	Reddelein Brothers,	North Lake, Wis.	30
Beauty Pietertje.....	5 4 1	9	2,649.1	3.29	87.025	A. A. Hartshorn,	Hamilton, N. Y.	25
Mary R. Pietertje.....	5 6 10	12	2,584.9	3.20	82.771	A. A. Hartshorn,	Hamilton, N. Y.	29
Homestead Gem Pauline De Kol.....	5 11 28	28	2,618.6	3.01	78.913	W. A. Matteson,	Utica, N. Y.	18
Kornidye Queen De Kol.....	9 4 3	18	2,230.1	3.57	78.681	Henry Stevens & Son,	Lacona, N. Y.	16
Pietertje Pledge Princess.....	6 4 22	9	2,169.9	3.57	77.525	W. A. Matteson,	Utica, N. Y.	14
De Kol of Valley Mead.....	5 4 23	7	2,321.9	3.32	77.160	Charles D. Pierce,	San Francisco, Cal.	10

CLASS 2.—COWS FOUR AND A HALF YEARS OLD AND UNDER FIVE YEARS.

Aaggie Topsy De Kol.....	4 10 20	7	2,288.7	3.44	78.662	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	\$40
Aaltje Salo Erna.....	4 9 26	14	2,246.0	3.46	77.849	T. S. Tompkins,	Lacona, N. Y.	30
Jessie Veeman Hengerveld.....	4 9 28	6	2,070.5	3.23	66.921	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	20
Gudultje Gerben.....	4 9 18	28	2,039.7	3.20	65.206	Mckay Brothers,	Buckingham, Ia.	15
Leda Inka Gerben.....	4 10 16	49	1,938.6	3.31	64.074	Mckay Brothers,	Buckingham, Ia.	12
Steward Prune.....	4 7 5	35	1,834.8	3.23	62.575	R. M. Hotaling,	San Francisco, Cal.	12
Helena Petrovna Modjeska.....	4 11 23	6	2,695.6	2.88	60.231	R. M. Hotaling,	San Francisco, Cal.	10

CLASS 3.—COWS FOUR YEARS OLD AND UNDER FOUR AND A HALF YEARS.

Tryntje C. De Kol.....	4 3 23	14	1,768.0	3.86	68.218	J. W. Dimick,	Rifton, N. Y.	\$40
Ina Wooderest De Kol.....	4 3 18	14	2,028.9	3.23	65.578	J. W. Dimick,	Rifton, N. Y.	30
Aaggie Grace Clothilde 2d.....	4 3 0	31	1,852.9	3.40	63.082	T. A. Mitchell,	Weedsport, N. Y.	20
Lucinda Clothilde P.....	4 2 3	23	1,958.1	3.18	62.187	A. A. Hartshorn,	Hamilton, N. Y.	15
Frances De Kol of Lakeside.....	4 4 23	7	1,630.6	3.23	52.669	F. W. Allis,	Madison, Wis.	4th

\*Owners are limited to three prizes—to those giving them the most money, cows in the higher classes leading.



CLASS 4.—COWS THREE AND A HALF YEARS OLD AND UNDER FOUR YEARS.

Maid Mutual De Kol.....	60210	3	9	25	6	2,341.1	3.43	80,235	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	1st	\$40
Gracia Ward 2d.....	58645	3	9	8	22	2,257.3	3.34	75,401	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Homesack Gem Sadie De Kol.....	56696	3	7	19	12	1,889.5	3.37	63,699	W. A. Matteson,	Utica, N. Y.	2d	30
Zeyhyr of Sleepy Hollow.....	57008	3	9	25	7	1,890.6	3.19	60,165	R. M. Hotelling,	San Francisco, Cal.	3d	20
Larcadia.....	58248	3	7	1	55	1,731.2	3.17	54,955	T. A. Mitchell,	Weedsport, N. Y.	4th	15
Flora Belle Pietertje 2d.....	58184	3	7	24	7	1,762.3	2.97	52,289	A. N. McGeoch,	Milwaukee, Wis.	5th	12

CLASS 5.—COWS THREE YEARS AND UNDER THREE AND A HALF YEARS OLD.

Aaggie Grace 2d's Pietertje 2d.....	54495	3	5	10	27	2,362.8	3.31	78,269	Henry Stevens & Son,	Lacona, N. Y.	1st	\$40
Pontiac Ambrosia.....	61103	3	3	4	6	2,176.8	3.54	77,026	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Belle Dewdrop.....	67841	3	1	15	12	1,529.1	3.53	53,941	George Rice,	Tripsonburg, Ont.	2d	30
Duchess Hengerveld.....	58178	3	1	26	11	1,353.0	3.66	49,537	A. N. McGeoch,	Milwaukee, Wis.	3d	30
Dora Ormsby.....	58464	3	0	2	9	1,456.3	3.22	46,924	A. N. McGeoch,	Milwaukee, Wis.	4th	15

CLASS 6.—COWS TWO AND A HALF YEARS OLD AND UNDER THREE YEARS.

Ruby De Kol Burke.....	65426	2	6	10	6	1,859.9	3.41	63,344	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Pontiac Clothilde.....	56982	2	7	11	13	1,730.0	3.61	62,470	E. H. Dollar,	Heuvelton, N. Y.	1st	\$40
Winana De Kol Korndyke.....	59447	2	11	20	12	1,612.8	3.59	57,970	E. H. Dollar,	Heuvelton, N. Y.	2d	30
Clothilde Vernon De Kol.....	61216	2	9	10	13	1,719.5	3.24	55,717	J. W. Dimick,	Rifton, N. Y.	3d	20
Netherland Buttercup.....	58717	2	9	17	10	1,954.7	2.85	55,709	Henry Stevens & Son,	Lacona, N. Y.	4th	15
Lady Longfield 2d's Night.....	59192	2	10	15	17	1,702.2	3.21	54,044	W. S. Carpenter,	Menominee, Mich.	5th	12
Dirkje Pei.....	63945	2	9	27	34	1,749.6	3.03	52,959	T. A. Mitchell,	Weedsport, N. Y.	6th	10

CLASS 7.—COWS UNDER TWO AND A HALF YEARS OLD.

Pontiac Columbo.....	61111	2	5	9	13	1,790.5	3.41	61,088	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Pontiac Artis.....	61114	2	3	20	14	1,632.1	3.66	59,807	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Jewel Duchesse.....	64474	2	1	12	7	1,494.8	3.76	56,264	A. J. Williams,	Fond du Lac, Wis.	1st	\$40
Genesee Hengerveld.....	63600	2	0	17	32	1,591.7	3.52	55,997	McKay Brothers,	Buckingham, Iowa	2d	30
Lillian Walker Pietertje.....	64169	2	5	15	153	1,589.5	3.38	53,696	McKay Brothers,	Hamilton, N. Y.	3d	20
Genesee Beauty.....	63601	2	1	24	16	1,722.5	2.90	51,410	A. A. Hartstorn,	Buckingham, Iowa	Debarred	
Madrigal 7th's Pauline De Kol.....	60827	2	0	16	12	1,542.8	3.15	48,430	McKay Brothers,	Buckingham, Iowa	Debarred	
Netherland Johanna Rue 4th.....	72507	2	0	16	15	1,436.9	3.24	46,616	A. F. Williams,	Fond du Lac, Wis.	4th	15
Hartog Pietertje Johanna.....	64771	2	0	12	6	1,485.4	3.21	46,369	A. F. Cole,	Morrisville Station, N. Y.	5th	14
Pauline Gem Burke.....	66602	2	2	9	50	1,440.2	3.12	46,283	Earl Cooper,	Frankfort, N. Y.	6th	13
Leah Veeman Princess.....	63293	2	4	1	10	1,440.1	3.13	45,753	W. A. Matteson,	Utica, N. Y.	Debarred	
A'carta Polkadot Ormsby.....	66384	1	10	29	17	1,257.0	3.53	44,478	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Lady Ormsby.....	64352	2	2	0	10	1,245.1	3.29	43,763	A. N. McGeoch,	Milwaukee, Wis.	Debarred	
Lily De Kol.....	66600	2	0	0	6	1,312.3	3.29	42,703	Charles Cooper,	Frankfort, N. Y.	Debarred	
A. & G. Burke Segis Inka.....	65480	2	1	10	9	1,273.6	3.31	42,743	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Craddock Maid.....	69243	1	10	28	8	1,322.8	3.17	41,735	W. A. Matteson,	Utica, N. Y.	Debarred	
Frankie Ormsby.....	64354	2	2	2	7	1,256.1	3.37	37,863	A. N. McGeoch,	Milwaukee, Wis.	Debarred	
Rixa Ormsby.....	64349	2	2	2	10	1,118.6	3.39	37,361	A. N. McGeoch,	Milwaukee, Wis.	Debarred	
Tritonia Ormsby.....	62359	2	3	0	7	1,213.6	3.34	35,061	A. N. McGeoch,	Milwaukee, Wis.	Debarred	
May Ormsby Johanna 2d.....	67476	2	0	15	19	1,077.7	3.30	33,581	A. N. McGeoch,	Milwaukee, Wis.	Debarred	
Maud Ormsby.....	67589	2	0	1	19	1,002.5	3.49	34,365	W. H. Jones,	Watertown, Wis.	Debarred	

# SEVEN-DAY RECORDS.

CLASS 1.—COWS FIVE YEARS OLD AND UPWARDS.

Name and H. B. Number of Cow	Age at Date of Calving	Days to Commencement	Pounds of Milk	Average Per Cent Fat	Total Pounds Butter Fat	Name and Address of Owner	Rank of Prize	Amount of Prize
Pontiac Lunde Hengerveld.....	5y. 6	20	559.8	4.06	22,730	Stevens Brothers-Hastings Co.,	1st	\$40
Iantha Jewel Mechthilde.....	6	49	503.0	4.40	22,117	James Rettie,	2d	38
Mercena 2d.....	5	32	544.1	4.06	22,117	Norwich, Ont.	3d	36
Beuty Pietertje.....	5	4	588.3	3.66	21,520	Hamilton, N. Y.	4th	34
Winnie Wartena Netherland.....	10	7	535.7	4.00	21,419	North Lake, Wis.	5th	32
Grace Fayne 2d.....	7	2	677.0	3.11	21,039	Watertown, Wis.	6th	30
Homestead Girl De Kol.....	5	13	533.6	3.94	21,037	Augusta, N. J.	7th	28
De Kol Hengerveld Belle.....	5	10	533.6	3.82	20,404	Princeton, Mass.	8th	27
Julia Anne Parthena.....	5	11	533.6	4.68	20,260	J. B. Marcon,	9th	26
Small Hopes De Kol.....	7	9	533.6	3.82	20,404	H. A. Meyer,	10th	25
De Kol Hengerveld.....	5	11	528.8	3.82	20,158	W. A. Matteson,	11th	24
Carren Wase De Kol.....	5	11	644.0	3.13	20,132	R. M. Hotelling,	12th	23
Topsy Barber.....	7	15	584.2	3.45	20,070	Utica, N. Y.	13th	22
Hillside Life.....	6	18	603.1	3.33	19,807	San Francisco, Cal.	14th	21
Vander Lei Superb 2d.....	8	10	554.4	3.57	19,724	Wilkes-Barre, Pa.	15th	20
Pietertje Pledge Princess.....	9	1	571.6	3.45	19,625	Wilkes-Barre, Pa.	16th	19
Meg Rector 3d.....	5	22	551.4	3.56	19,446	Utica, N. Y.	17th	18
Kornyke Queen De Kol.....	6	23	500.0	3.89	19,398	Streator, Ill.	18th	17
Beauty of Ninon's Pietertje.....	6	4	525.1	3.62	19,361	Lacona, N. Y.	19th	16
Glen Rose De Kol.....	6	9	505.5	3.41	19,326	Deerfield, N. Y.	20th	15
Queen Pietertje Mercedes.....	6	12	567.0	4.21	18,860	Utica, N. Y.	21st	14
Lorine.....	10	9	448.0	3.10	18,858	Tillsonburg, Ont.	22nd	13
Terry De Kol.....	5	0	608.3	3.88	18,779	Manlius, N. Y.	23rd	12
Paul Fuschia De Kol.....	5	0	484.0	3.97	18,742	Utica, N. Y.	24th	11
May Pietertje 2d.....	6	1	472.1	3.67	18,740	Lacona, N. Y.	25th	10
Duchess Piele De Kol.....	5	3	510.6	3.10	18,668	Utica, N. Y.	26th	9
De Kol of Valley Mead.....	5	4	601.7	3.23	18,650	San Francisco, Cal.	27th	8
			577.6	3.23				

CLASS 2.—COWS FOUR AND A HALF YEARS OLD AND UNDER FIVE.

Aaltje Salo Erna.....	4	9	566.2	3.58	20,286	T. S. Tompkins,	1st	\$40
De Kol Mechthilde Longfield.....	4	7	409.2	4.09	20,154	E. C. Pettibone,	2d	35
Aggie Topsy De Kol.....	4	10	574.8	3.43	19,701	White Bear Lake, Minn.	3d	33
Belle Erntess 4th.....	4	8	494.7	3.47	19,439	Elkhorn, Wis.	4th	30
Homestead Craddock De Kol.....	4	10	516.9	3.34	17,965	Lacona, N. Y.	5th	25
Vinette Pauline De Kol.....	4	11	545.4	3.70	16,862	Neshanic, N. J.	6th	20
Johanna De Colanthe.....	4	10	440.8	3.79	16,452	Utica, N. Y.	7th	15
Dora De Kol Hengerveld.....	4	9	483.6	3.40	16,418	Poughkeepsie, Wis.	8th	13
Jessie Veeman Hengerveld.....	4	10	567.8	3.50	16,264	Rosendale, Wis.	9th	12
Leda Inka Gerben.....	4	10	492.9	3.52	16,209	Lacona, N. Y.	10th	11
Manor Rosalind.....	4	10	460.6	3.24	16,005	White Bear Lake, Minn.	11th	10
Ophelia Sanasta.....	4	8	494.3	3.29	15,911	Stevens Brothers-Hastings Co.,	12th	9
Katy Spofford Corona 2d.....	4	3	531.7	2.99	15,868	McKay Brothers,	13th	8
Rhodia De Kol Colantha.....	4	7	469.9	3.38	15,838	Wing R. Smith,	14th	7
			371.2	4.27		E. H. Knapp & Son,	15th	6
						Charles D. Pierce,	16th	5



# CLASS 3.—COWS FOUR YEARS OLD AND UNDER FOUR AND A HALF YEARS.

Homestead Aggie De Kol.....	4	1	14	7	434.3	4.13	17,943	W. A. Matteson,	Utica, N. Y.	1st	\$40
Zora De Kol.....	4	4	25	6	518.0	3.43	17,785	W. A. Matteson,	Utica, N. Y.	2d	35
Suzie Vernon De Kol.....	4	4	27	9	448.8	3.91	17,530	A. A. Cortelyou,	Neshaun, N. J.	3d	30
Hattie Pierstje De Kol.....	4	0	17	17	508.8	3.08	17,522	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Infia Woodcrest De Kol.....	4	3	18	33	481.9	3.52	16,948	J. W. Dimick,	Rifton, N. Y.	4th	25
Tenaretta De Kol.....	4	3	14	33	507.0	3.33	16,889	Charles D. Pierce,	San Francisco, Cal.	5th	20
Mollie De Kol Artis.....	4	1	27	34	424.0	3.94	16,686	H. G. Whitney,	Ilion, N. Y.	6th	15
Trynje C. De Kol.....	4	3	23	20	414.6	4.01	16,637	J. W. Dimick,	Rifton, N. Y.	Debarred	
Langtry De Kol 2d.....	4	0	2	20	468.8	3.20	16,550	Wing R. Smith,	Syracuse, N. Y.	7th	13
Susie De Kol 2d.....	4	4	13	16	516.7	3.50	16,544	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Homestead Boon De Kol.....	4	4	8	8	404.3	4.08	16,491	H. D. Roe,	Lacona, N. Y.	8th	12
Bertila Shadeland Paul.....	4	0	15	43	404.3	3.74	16,379	W. W. Cheney,	Manlius, N. Y.	9th	11
Iraline Pauline De Kol.....	4	2	26	9	492.2	3.32	16,321	J. M. Howard,	Sherburne, N. Y.	10th	10

## CLASS 4.—COWS THREE AND A HALF YEARS OLD AND UNDER FOUR YEARS.

Maid Mutual De Kol.....	3	9	25	17	588.8	3.46	20,406	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	1st	\$40
Minnie Hark.....	3	11	7	22	450.4	4.30	19,359	E. S. Robinson,	Forestville, N. Y.	2d	35
Gracia Ward 2d.....	3	6	8	44	551.9	3.34	18,431	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Pontiac Clothide.....	3	6	5	8	483.7	4.14	17,945	E. H. Dollar,	Hevelton, N. Y.	3d	30
Buckeye Maid 5th.....	3	11	4	21	542.3	3.04	16,498	Wing R. Smith,	Syracuse, N. Y.	4th	25
Norma Pauline Hengerveld De Kol.....	3	11	18	18	519.8	3.15	16,369	W. C. Hunt,	Liverpool, N. Y.	5th	20
Ryna Zwellie.....	3	8	23	50	488.5	3.35	16,359	Northern Michigan Asylum,	Traverse City, Mich.	6th	15
Anna Jantje.....	3	8	4	20	426.0	3.22	15,710	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Bessie Withoorn, Pauline.....	3	8	21	26	489.6	3.69	15,710	Guild & Roberts,	Rupert, Vt.	7th	13
Rubie De Kol Paul.....	3	11	15	11	415.9	3.75	15,595	E. J. Tefft,	Earlville, N. Y.	8th	12
Catrina Pietertje Beets De Kol.....	3	11	5	12	365.5	4.24	15,511	O. U. Kellogg,	Princeton, Mass.	Debarred	
Beauty of Plum 6th De Kol.....	3	8	4	17	549.0	3.22	15,496	W. A. Matteson,	Corland, N. Y.	9th	11
Homestead Gem Sattie De Kol.....	3	7	19	26	481.1	3.22	15,475	W. A. Matteson,	Utica, N. Y.	Debarred	
Inka Palawan.....	3	10	26	22	474.6	3.24	15,368	W. H. Grenell,	Pierrepont Manor, N. Y.	10th	10

## CLASS 5.—COWS THREE YEARS OLD AND UNDER THREE AND A HALF YEARS.

Pontiac Ambrosia.....	3	3	4	6	524.9	3.80	19,972	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	1st	\$40
Aggie Grace 2d's Pet 2d.....	3	5	10	49	573.2	3.40	19,461	Henry Stevens & Son,	Lacona, N. Y.	2d	35
Daisy De Kol of Whittaker.....	3	4	18	18	439.1	4.05	17,768	R. C. Reed,	Howell, Mich.	3d	30
De Kol Witkop Wayne 2d.....	3	0	15	23	390.7	4.44	17,337	W. H. Grenell,	Pierrepont Manor, N. Y.	4th	25
Lilly Belle Walker.....	3	2	6	9	485.0	3.46	16,702	A. A. Hartshorn,	Hamilton, N. Y.	5th	20
Jane De Kol Manor Beets.....	3	1	6	15	328.7	5.11	16,702	J. B. Maroon,	Princeton, Mass.	6th	15
Netherland Johanna De Kol 2d.....	3	4	7	25	468.4	3.44	16,177	C. A. Schroeder,	West Bend, Wis.	7th	13
Pauline De Kol Mutual Friend.....	3	0	20	9	429.6	3.61	15,636	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Maud Steinstra.....	3	1	7	41	462.1	3.33	15,444	R. C. Reed,	Howell, Mich.	8th	12
Abbie Hartog Clothide.....	3	1	12	12	384.6	3.90	15,342	H. W. Hartshorn,	Randallsville, N. Y.	9th	11
Rachel Schillaard Clothide.....	3	4	4	25	413.0	3.70	15,279	R. E. Coe,	Kirkville, N. Y.	10th	10

CLASS 6.—COWS TWO AND A HALF YEARS OLD AND UNDER THREE YEARS.

Name and H. B. Number of Cow	Age at Date of Calving	Days to Commencement	Pounds of Milk	Average Per Cent Fat	Total Pounds Butter Fat	Name and Address of Owner	Rank of Prize	Amount of Prize
Pontiac Clothilde.....56982	2y. 7m. 11d.	36	438.8	3.83	16.796	E. H. Dollar,	1st	\$40
Skyark De Kol Johanna.....62231	2 11 19	18	497.9	3.32	16.514	M. H. Gardner,	2d	35
Ruby De Kol Burke.....63426	2 6 10	25	461.4	3.49	16.101	Stevens Brothers-Hastings Co.,	Debarred	
De Kol Paul Concordia.....64765	2 8 19	20	501.2	2.96	14.846	M. S. Nye,	3d	30
Belle Model Johanna.....59886	2 11 23	23	441.8	3.41	14.042	A. A. Cortelyou,	4th	25
Maple Grove Belle Pauline.....75392	2 8 24	26	401.9	3.48	14.001	H. Bollert,	5th	20
Netherland Buttercup.....58717	2 9 17	25	506.2	3.41	13.958	Henry Stevens & Son,	6th	15
Dina 4th.....69852	2 10 3	51	332.4	2.79	13.856	C. F. Hunt,	7th	13
Johanna Clyde.....60389	2 11 29	20	358.3	4.17	13.571	Gillett & Son,	8th	12
Verbelte De Kol Hengerveld.....63285	2 11 17	14	387.6	3.79	13.523	Wing R. Smith,	Debarred	
Dirkje Pel.....69445	2 9 27	52	431.0	3.49	13.517	T. A. Mitchell,	9th	11
Clothide Vernon De Kol.....61216	2 9 10	22	415.9	3.14	13.323	J. W. Dimick,	Debarred	
Johanna De Pauline 4th.....60392	2 10 19	6	359.3	3.71	13.314	Gillett & Son,	10th	10

CLASS 7.—COWS UNDER TWO AND A HALF YEARS OLD.

Pontiac Columbo.....61111	2 5 9	29	444.4	3.50	15.567	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	\$40
Jessie Inka Pledge.....70177	2 2 0	38	519.7	2.82	14.643	H. H. Wickwire,	Hubbardsville, N. Y.	1st	
Pontiac Artis.....61114	2 3 20	30	398.4	3.62	14.412	Stevens Brothers-Hastings Co.,	Lacona, N. Y.	Debarred	
Shadybrook Gerben Parthena 4th.....64125	1 13 11	13	210.5	6.79	14.291	J. B. Marcon,	Princeton, Mass.	2d	38
Jewel Duchess.....64474	2 1 12	23	371.8	3.80	14.145	A. L. Williams,	Fond du Lac, Wis.	3d	36
Orrice De Kol Bonheur.....65808	2 0 16	10	354.9	3.95	14.006	F. G. Johnston & Co.,	Columbus, Ohio	4th	34
Iosco Pride 3d.....65467	2 5 2	8	324.0	4.25	13.782	W. A. Matteson,	Utica, N. Y.	5th	32
Genesee Hengerveld.....63600	2 0 7	35	374.2	3.63	13.568	McKay Brothers,	Buckingham, Iowa	6th	30
Calamity Pietertje De Kol.....61633	2 2 25	24	383.5	3.43	13.355	J. W. Dimick,	Rifton, N. Y.	7th	28
Lilly Gewina 2d.....67909	2 5 3	10	339.6	3.91	13.071	A. A. Hartstorn,	Watertown, Wis.	8th	24
Lilly Walker 4th.....64169	2 5 5	24	379.9	3.44	13.074	T. A. Mitchell,	Hamilton, N. Y.	9th	22
Freneza Hengerveld De Kol.....60500	2 4 15	154	332.5	3.94	13.071	Robert C. Lucdike,	Weedsport, N. Y.	10th	20
Genesee Beauty.....63257	2 4 9	24	345.6	3.86	12.970	Wing R. Smith,	Weedsport, N. Y.	Debarred	
Rachel Korndyke De Kol.....69113	2 4 4	19	415.5	3.04	12.629	McKay Brothers,	Syracuse, N. Y.	11th	19
Topsy De Kol Burke.....63257	2 4 9	24	345.6	3.86	12.970	Wing R. Smith,	Syracuse, N. Y.	12th	18
Skyark Mercedes De Kol Johanna.....69113	2 1 7	10	350.8	3.56	12.476	Stevens Brothers-Hastings Co.,	Buckingham, Iowa	13th	17
Janet Albin De Kol 3d.....69113	1 11 25	20	335.2	3.88	12.320	M. H. Gardner,	Rifton, N. Y.	Debarred	
Pontiac Agnes.....63756	2 3 13	19	303.0	3.39	12.320	Don J. Wood,	Lacona, N. Y.	14th	16
Lily Netherland De Kol 2d.....59151	2 4 26	13	375.7	3.93	12.288	Eastern Michigan Asylum,	West Winfield, N. Y.	15th	15
Pontiac 17th S. Pauline De Kol.....63768	2 4 16	17	317.1	3.87	12.282	A. W. Brown,	Pontiac, Mich.	16th	14
Madriga 7th S. Pauline De Kol.....60626	2 0 16	12	368.1	3.57	12.271	Unadilla Forks, N. Y.	Pontiac, Mich.	17th	13
Lies Abueker.....70239	2 2 4	13	335.8	3.27	12.054	McKay Brothers,	Buckingham, Iowa	18th	12
Pontiac Polyxo.....61108	2 3 19	9	286.0	3.98	11.949	William M. Backus,	New Berlin, N. Y.	Debarred	11
				4.18		E. H. Dollar,	Heuvelton, N. Y.	19th	10
								20th	



# Prize Winners making Official Records Eight Months or more after Calving. For the Year 1904-5.

These prizes are awarded for the butter fat produced during the second test; the estimates are made by multiplying the average product per day during the first and second tests by the number of days actually milked to close of second test.

## SEVEN-DAY RECORDS.

CLASS 1.—COWS FIVE YEARS OLD AND UPWARDS.

Name and H. B. Number of Cow	Age at Time of Calving	Official First Test			Official Second Test			Non-Official			Name and Address of Owner	Rank of Prize	Amount of Prize	
		Days to Commencement of Test	Pounds Milk	Pounds Fat	Days to Commencement of Test	Pounds Milk	Pounds Fat	Number of Days Actually Milked	Estimated Pounds Milk	Estimated Pounds Fat				
Carren Wase De Kol.....49450	6y.	1m. 18d.	15	584.2	20.132	270	456.3	16.965	276	20.512.3	731.29	R. M. Hotaling, San Francisco, Cal.	1st	\$40
Edith Prescott De Kol.....44886	6	4	16	467.6	18.046	270	410.5	14.255	276	17.310.7	636.78	Henry Stevens & Son, Lacona, N. Y.	2d	35
Parthena Doede.....53784	7	3	15	38	451.8	16.108	261	335.9	11.580	267	15.021.4	John B. Irwin, Minneapolis, Minn.	3d	30
Dichters Alemana.....40257	7	1	27	16	454.0	15.335	264	331.0	11.138	270	15.506.1	O. J. Godfrey, Pennellville, N. Y.	4th	25
Pietertje De Haan 2d.....47444	5	7	1	28	490.7	16.835	264	336.1	10.666	270	16.119.0	Henry Stevens & Son, Lacona, N. Y.	5th	20
Tehee Artis Paul.....44891	6	6	21	37	406.4	12.675	258	294.2	9.419	264	13.210.6	T. A. Mitchell, Weedsport, N. Y.	6th	18
Princess Hartog Pietertje.....60879	6	0	15	39	423.2	13.156	300	263.7	8.912	306	11.122.5	Irwin Langworthy & Son, S. Brookfield, N. Y.	7th	16
Barrington Daisy.....47242	6	6	23	39	510.5	16.110	245	285.1	8.990	251	14.264.3	M. S. Nye, Preble, N. Y.	8th	14
Inka Tritomia.....38847	9	0	10	18	357.5	13.500	244	253.5	8.522	250	10,910.0	McKay Brothers, Buckingham, Iowa	9th	10

CLASS 2.—COWS FOUR AND A HALF YEARS OLD AND UNDER FIVE.

Colantha 4th's Johanna.....43577	4	7	20	7	526.9	17.282	375	353.8	12.292	381	23.967.7	804.82	Gillett & Son, Rosendale, Wis.	1st	\$40
De Kol Weechide.....52494	4	10	1	16	557.8	16.418	277	305.5	9.689	283	17.449.8	527.71	T. S. Tompkins, White Bear Lake, Minn.	2d	30
Lady Edith Alpina.....55066	4	11	24	13	310.9	12.540	245	181.1	5.700	251	8,820.1	327.00	F. G. Johnston & Co., Columbus, Ohio	3d	20

CLASS 3.—COWS FOUR YEARS OLD AND UNDER FOUR AND A HALF YEARS.

Gewina 2d's Lilly 2d.....50670	4	4	4	22	364.3	13.168	263	303.9	11.498	274	13,078.0	482.73	E. E. Randall, Watertown, Wis.	1st	\$40
Edith Prescott De Kol 2d.....52073	4	5	12	39	413.8	14.465	253	355.4	10.850	260	14,284.4	472.55	Henry Stevens & Son, Lacona, N. Y.	2d	30
Heilo Aaggie Johanna 2d.....50799	4	3	25	15	385.5	14.774	260	297.9	10.705	266	12,983.5	484.09	E. E. Randall, Watertown, Wis.	3d	20



CLASS 4.—COWS THREE AND A HALF YEARS OLD AND UNDER FOUR YEARS.

Name and H. B. Number of Cow	Age at Time of Calving	Official First Test			Official Second Test			Non-Official			Name and Address of Owner	Rank of Prize	Amount of Prize
		Days to Commencement of Test	Pounds Milk	Pounds Fat	Days to Commencement of Test	Pounds Milk	Pounds Fat	Number of Days Actually Milked	Estimated Pounds Milk	Estimated Pounds Fat			
A. & G. De Kol Pauline.....	3y. 6m.13d.	34	389.2	12.263	247	250.5	9.203	253	11,559.6	387.90	T. A. Mitchell, Weedsport, N. Y.	1st	\$40

CLASS 5.—COWS THREE YEARS OLD AND UNDER THREE AND A HALF YEARS.

Leda Hengerveld De Kol.....	3	5	23	13	418.5	14.999	245	296.6	11.680	251	12,821.1	478.31	McKay Brothers, Buckingham, Iowa	1st	\$40
Johanna Rue De Kol.....	3	0	13	14	436.6	14.426	315	249.2	8.903	321	15,725.8	534.88	A. L. Williams, Fond du Lac, Wis.	2d	30
Snowball Pink.....	3	2	29	15	356.7	13.042	333	177.6	8.107	339	12,936.2	512.09	E. E. Randall, Watertown, Wis.	3d	20
Aagie Grace Clothilde 2d.....	3	1	12	13	284.8	10.859	245	204.1	7.465	251	8,764.9	328.51	T. A. Mitchell, Weedsport, N. Y.	4th	15

CLASS 6.—COWS TWO AND A HALF YEARS OLD AND UNDER THREE YEARS.

Pontiac Rag Apple.....	2	7	12	15	381.4	16.000	252	285.2	11.735	258	12,283.4	511.10	W. C. Hunt, Liverpool, N. Y.	1st	\$40
Netherland Neta De Kol 2d.....	2	10	26	9	300.7	10.777	231	202.6	9.763	237	14,521.3	494.41	A. L. Williams, Fond du Lac, Wis.	2d	30
Johanna Beechwood.....	2	9	8	232	247.6	8.443	254	250.6	8.794	260	9,223.4	320.11	Reddell Brothers, North Lake, Wis.	3d	20
Glista King.....	2	6	29	6	270.3	10.723	245	219.4	7.624	251	8,654.5	328.94	Compell University, Ithaca, N. Y.	4th	15
Coin Ring Bess.....	2	7	17	6	246.0	11.382	219	173.8	6.657	225	10,907.0	418.70	G. W. Little, Sherburne, N. Y.	5th	12
Rosalind Hacker.....	2	6	16	26	323.0	10.249	249	180.9	6.578	255	1,977.4	306.48	George Rice, Tillsburg, Ont.	6th	10
Tromp Princess.....	2	11	8	10	294.5	10.257	264	164.4	5.363	270	8,850.6	301.24	G. M. Carpenter, Wilkes-Barre, Pa.		

CLASS 7.—COWS UNDER TWO AND A HALF YEARS OLD.

Alma Belle De Kol.....	2	5	11	22	330.7	11.541	257	263.1	10.671	263	11,158.3	417.25	W. C. Hunt, Liverpool, N. Y.	1st	\$40
Hartog Pietertje Johanna.....	2	4	25	7	356.5	11.496	254	271.8	10.501	260	11,468.8	498.51	A. A. Cortelyou, Neshanic, N. J.	2d	30
Pontiac Pleione.....	2	4	25	8	386.7	13.902	276	325.0	9.768	282	14,336.8	531.11	Stevens Bros.-Hastings Co., Lacona, N. Y.	3d	20
Lily Netherland De Kol 2d.....	2	1	29	13	378.8	12.282	285	279.6	9.593	291	13,685.7	474.69	A. W. Brown, Unadilla Forks, N. Y.	4th	15
Hegstra Pietertje Johanna.....	2	2	1	29	315.3	10.626	250	263.8	9.319	256	10,588.1	353.54	A. A. Cortelyou, Neshanic, N. J.	5th	14
Copia Hengerveld 2d.....	2	0	16	7	316.0	10.255	248	245.8	8.995	284	10,193.0	349.25	A. A. Cortelyou, Neshanic, N. J.	6th	13
Ava Colantinus Piebe.....	2	3	1	16	338.9	14.188	274	197.9	8.038	280	10,735.2	444.50	F. B. Fargo, Lake Mills, Wis.	7th	12
Avilla Boon Clothilde.....	2	0	24	17	324.5	9.092	259	256.1	7.624	265	10,389.5	316.41	H. D. Roe, Augusta, N. J.	8th	11
Lillian De Kol.....	2	0	13	60	345.3	9.780	377	244.1	7.548	383	16,124.3	474.04	T. S. Tompkins, White Bear Lake, Minn.	9th	10



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Aggie Cornucopia's Paul De Kol.....	24016		6	H. B. Lauber, Dairyland, N. Y.	528
Aggie Grace Sir De Kol.....	24880		33	W. H. Grenell, Pierrepont Manor, N. Y.	539
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Admiral Paul De Kol.....	24702		15	M. D. Ecker, Cooperstown, N. Y.	538
Admiral Walker.....	25755		4	A. A. Hartshorn, Hamilton, N. Y.	532
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Alfred's Bettina Renter.....	536 W		4	G. Bredt, Galesburg, Ill.	511
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Artis Clothilde Peet.....	20354		4	A. Adams, Moravia, N. Y.	531
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Baronet.....	26983		4	John C. Doubt, Havelock, Neb.	519
Beautiful Boon's Paul De Kol.....	22348		4	John B. Parke, Watertown, N. Y.	519
Beryl Wayne's Paul De Kol.....	26765		4	Henry Stevens & Son, Lacona, N. Y.	516
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Charles's Mercedes Royal Climax.....	22001		8	Harvey S. Day, Ypsilanti, Mich.	540
Chief Fiebe Oak Duchess.....	28176		9	A. A. Cortelyou, Neshanic, N. J.	521
Clothilde Apollu Boon.....	23047		8	Frank Hacker & Son, Howell, Mich.	512
Clothilde Netherland De Kol King.....	22145		5	George W. Allen, Sangerfield, N. Y.	529
Clothilde Netherland Pasha.....	22118		14	W. B. Smith & Son, Columbus, Ohio	540
Clyde Paul De Kol.....	25131		5	W. B. Smith & Son, Columbus, Ohio	518
Count Paul De Kol.....	25108		7	James A. Graham, Patterson, N. J.	524
De Kol Acna.....	25184		4	Frank Brewster, Bowers, Wis.	541
De Kol Burke.....	22991		4	F. E. Moore, Kingsley, Pa.	541
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Duchess Ormsby Fiebe Burke.....	29328		37	Henry Stevens & Son, Watertown, Wis.	529
Duke of Camp Harvey.....	24793		7	J. Rust, West Allis, Wis.	528
Emerald Hengerveld De Kol.....	22785		4	J. Garlock & Son, Adams, N. Y.	538
Gold Boy Pieterje.....	23027		4	O. R. Cole, Solsville, N. Y.	538
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Homestead Hengerveld De Kol Paul.....	27941		8	Preble, N. Y.	531
Homestead Jr. De Kol.....	28400		4	Watertown, Wis.	532
Homestead Prince De Kol.....	25863		4	Lake Mills, Wis.	524
Johanna Aagie 2d's Lad.....	26941		1	Theresa, N. Y.	517
Johanna Rue 3d's Lad.....	26939		1	Neshanic, N. J.	544
Katy Spofford Corona's Son.....	29521		12	Fabus, N. Y.	555
Korndyke Queen De Kol's Prince.....	26025		14	West Winfield, N. Y.	544
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Leonia Tweede's Pieterje.....	20824		6	South Brookfield, N. Y.	516
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Mechthilde Sir Tirania.....	24637		5	George West, Monroe, Wis.	533
Mechthilde's Carme Colantha.....	22818		6	R. M. Hotaling, San Francisco, Cal.	523
Model Pride.....	32736		6	M. H. Kinley, Kenwood, N. Y.	534
Monarch Netherland.....	25232		4	M. B. Ranney, Bowers, Wis.	519

Netherland Clothilde Aggie.....	21950	Standard	6	1		J. B. Elliott,	Woodward, Iowa	520
Netherland De Kol Pietertje.....	23725	Standard	9			R. C. Reed,	Howell, Mich.	546
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Oakland Cayuga Chief.....	27100	Standard	4			Uriah Wood Co.,	Los Banos, Cal.	521
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Piebe De Kol Burke.....	25368	Standard	22		3	McKay Brothers,	Buckingham, Iowa	549
Pietertje Alban De Kol.....	23227	Standard	22		2	Don J. Wood,	West Winfield, N. Y.	549
Pietertje Hengerveld's Count De Kol.....	23224	Standard	42		1	Field Brothers,	Brockton, Mass.	550
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Pontiac Korndyke.....	25982	Standard	4		6	Eastern Michigan Asylum,	Pontiac, Mich.	551
Pontiac Pauline Paul.....	24851	Standard	6		7	Nick Orinam,	Pontiac, Mich.	551
Prince Bryonia Madrigal.....	25317	Standard	6			O. J. Godfrey,	Oshkosh, Wis.	551
Prince De Kol Paul.....	23022	Standard	10		12	A. J. Daugherty,	Pennellville, N. Y.	552
Prince of Cloverdale.....	635 W	Standard	4		5	M. B. Ranney,	Streator, Ill.	528
Prince Terzool De Kol.....	30683	Description				Illinois Agricultural College,	Bowers, Wis.	517
Sarcastic Lad.....	23971	Standard	15		19	Irwin Langworthy,	Urbana, Ill.	532
Sethje Veeman Lamb De Kol.....	27546	Standard	4		4	A. J. Daugherty,	South Brookfield, N. Y.	534
Sir Aggie De Kol Netherland.....	29588	Standard	4			Frank Hacker,	Streator, Ill.	525
Sir Akkrum Pietertje De Kol.....	22519	Standard	5		1	H. M. Olney,	Howell, Mich.	530
Sir Barnum Mechthilde.....	20575	Standard	4		6	J. N. Conyngham,	Vernon, Mich.	525
Sir Count Arthur.....	36581	Standard	7		7	J. N. Conyngham,	Wilkesbarre, Pa.	537
Sir Jewel Partheneca Soldene.....	25706	Standard	4		6	Ira S. Jarvis,	Hartwick Seminary, N. Y.	523
Sir Johanna Friend Clothilde.....	26937	Standard	11		12	F. B. Fargo,	Lake Mills, Wis.	553
Sir Mercedes Abbecker Mechthilde.....	24923	Standard	4		4	J. W. Coley,	Buckingham, Iowa	511
Sir Ononis Netherland.....	21554	Standard	6		4	A. N. McGeoch,	New Woodstock, N. Y.	514
Sir Ormsby De Kol.....	27284	Standard	4		4	F. B. Fargo,	Milwaukee, Wis.	513
Sir Piebe Hengerveld De Kol.....	27920	Standard	4		1	A. C. Dement & Son,	Lake Mills, Wis.	553
Sir Pietertje De Mar De Kol.....	34096	Description			2	Lamb Brothers,	Lake Mills, Wis.	527
Sir Pietertje Lamb.....	21391	Standard	4		4	F. P. Knowles,	Hubbardsville, N. Y.	530
Soldene Clothilde Artis.....	24002	Standard	4		10	H. E. Cook,	Auburn, Mass.	554
Topsey De Kol.....	28024	Standard	9		5	Estate of William Rankin,	Brandon, Vt.	513
White Ondinus Shepard.....	19929	Standard	5		5	Lamb Brothers,	Brookton, Mass.	536
Woodland Lass De Kol's King.....	26815	Standard	5		1	James Rettie,	Hubbardsville, N. Y.	537
Worthemall Sir Pietertje.....	28864	Standard	4		4	E. C. Petrie,	Norwich, Ont.	515
Zanea De Kol Sir Johanna.....	30407	Description					Elkhorn, Wis.	522

# ERRATA.

On page 187, Volume 14, Advanced Register, No. 2731, through a mistake in identification, the cow Queen Blythe 37938 is entered. On May 7, 1904, this fact was made known to the Superintendent of Advanced Registry by letter. Therefore the following entry should appear in Vol. 14, page 187, and in the index to said Volume 14—both in place of Queen Blythe 37938 H.-F. H. B.

## NO. 2731. LOLA'S BEAUTY 37941.

LOLA'S BEAUTY 2731 A. R. O. In 8 y. 1 m. 17 d., 15.039 lbs. fat.	{	Shadeland Blythe 18708.	{	Shadeland Boon's King 101 A. R.
		Lola 3d's Second Daughter 87707.		Shadeland Ruby 3d's Em- press 726 A. R. P. In 2 y. 11 m. 29 d., 8,978 lbs. milk 8 m.
				Aaggie Anna's Imperial 4598 H.
				Lola 3d 3729.

Owned by A. C. Chase, Syracuse, N. Y. Bred by George Geddes, Fairmount, N. Y. Calved November 20, 1894.

Official Butter Record: Dropped calf, January 7, 1903, at 8 y. 1 m. 17 d. of age; commenced record January 28, 1903; closed record February 3; 7 days' production 15.039 lbs. butter fat; milk 418.1 lbs.

Attested by Albert R. Mann, Cornell University Agricultural Experiment Station.

Page 66. Dam of Pontiac Dione should be Queen Cashe 32785.

Page 68. Sire of Geneseo Beauty should be Butter Boy Hengerveld De Kol 24937; dam should be Geneseo Inka 44166.

Page 122. Lady Valencia, dam of De Kol of Valley Mead, should be No. 6382 H. H. B.

Page 151. Fall Breeze 2d, dam of Fall Breeze Durand, should be No. 46441.

Page 208. Dam of Ruth Pietertje Hartog Tweede, should be Pietertje Hartog Tweede 2d 68036.

Page 227. Dam of Rhoda Colantha Beauty, should be Rhoda Colantha 2d 41431.

Page 250. Traverse Kaastra Belle's date of calving should be September 14, and age 3 y. 9 m. 16 d.

Page 262. Dam of Pontiac Triumph, should be Netherland Triumph 3d No. 39530.

Page 312. Dina 4th or Dina Pieter.

Page 341. For Maul Steinstra, read Maud Steinstra.

Page 342. Gaza Aconeth Pietertje B. should be No. 63521.

Page 367. Dam of Alonica should be Alsamalba 49046.

Page 388. Dam of Larky De Kol should be Larky Captola B. 63006.

Page 403. Age of Homestead Belle De Kol should be 3 y. 11 m. 20 d.

Page 408. Record of Jennie Tolsma's Ondinus should be 17,824 lbs. fat.

Page 423. Tehee Glitka De Kol's milk given as 626 lbs., should be 626.1 lbs.

Page 433. Dam of Lieuwkje Pauline De Kol should be Lieuwkje of Lynfield 2d.

Page 439. Dam of Sunland Queen should be Heike Clinton Queen 48719.

Page 492. The seven-day milk record of De Kol De Jong should be 417.7 lbs.































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